



# **MARINE SAFETY** **SOLUTIONS**

[WWW.OCEANSAFETY.COM](http://WWW.OCEANSAFETY.COM)



For thirty years, Ocean Safety has been one of the leading safety specialists in the marine industry placing us at the forefront of our field. We are experts in manufacturing the highest quality and most advanced products available in today's market and we provide a dedicated service to our customers.

We specialise in the worldwide manufacturer, distribution, service and hire of marine and waterside safety equipment including liferafts, lifejackets, pyrotechnics, EPIRBS, electronics and man overboard equipment in the commercial, military and leisure market sectors and represent some of the world's leading brands in safety and survival including: Aquaspec, Ocean Signal, Ikaros, Spinlock, Hammar, Dacon, Jasons Cradle, Daniamant, Mullion and Icom.

As part of the Alliance Marine Group and supported by a network of distributors and service agents, we can provide a complete package of safety products and after sales support.

**YOUR SAFETY, OUR WORLD.**



**Challenger JON BUOY®**



Daniamant 

ECHOMAX



GLORIA®

**HAMMAR®**  
BETTER SOLUTIONS FOR SAFETY AT SEA

ICOM



*Jason's Cradle*  
Man Overboard Solutions



MULLION 



ocean  
SIGNAL



semmco  
life protection systems



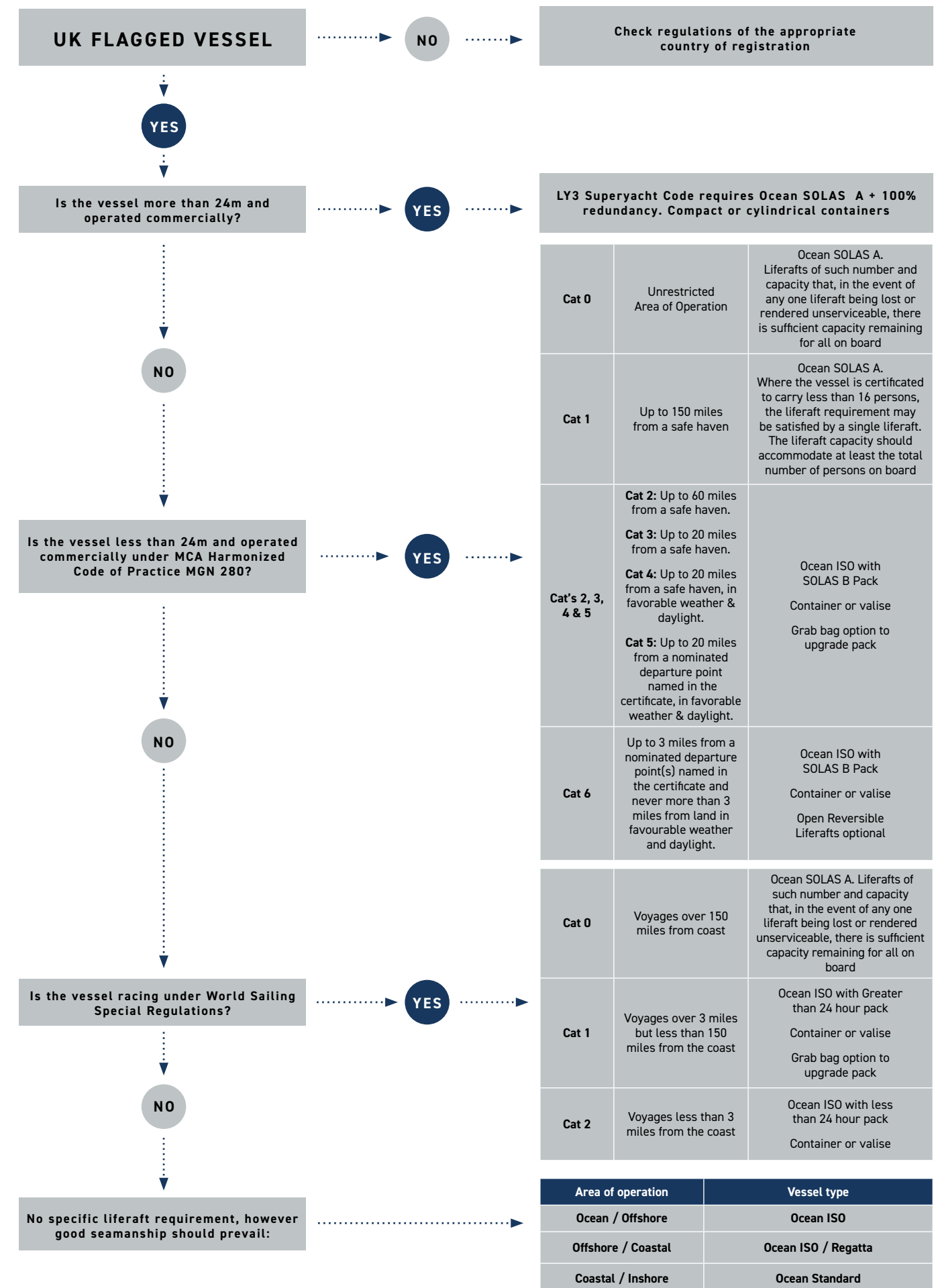
spinlock

**VANGUARD**  
PROFESSIONAL & RESCUE BOATS

## CONTENTS

5-37	Liferafts & Accessories
38-54	Lifejackets & Accessories
56-57	Rescue Boats
58-73	Man Overboard
74	Release Systems
76-84	VHF & Accessories
85-95	Emergency Signalling & Communications
96-97	Radar Reflectors
98	Para-Anchor & Drogues
99-105	Survival Suits
106-109	First Aid & Medical
110-119	Safety Equipment & Accessories
120-122	Alarms
123-129	Fire Fighting

# LEISURE LIFERAFT REQUIREMENT



OCEAN ISO ULTRALITE LIFERAFT

The Ocean ISO UltraLite Liferaft utilises carbon composite technology to achieve a significant weight reduction, compared to the traditional range of Ocean ISO liferafts. It also includes a high-tech inflation system to ensure an efficient inflation process. The raft has been 3rd party approved to ISO 9650 Type I Group A requirements by the Notified Body RINA and French Regulations, Division 240, Division 333.

This liferaft offers the huge benefits of a lightweight solution for yacht designers, but most importantly larger liferafts are now easier to handle and deploy.

FEATURES

- Exceptional quality - designed, tested and manufactured to ISO 9650
  - Made with PU nylon laminate
  - Insulated floor
  - SOLAS approved internal and external lighting system
  - Strong boarding ladder with aluminium tubing to improve ease of access
  - Knee scoop with grab handles for quick boarding
  - Hermetically sealed
- 6m drop height
  - Rainwater collection system
  - External lifelines
  - Significant additional ballast - exceeding standard ISO requirement
  - SOLAS retro-reflective tape
  - Observation port
  - Container or valise
  - 3 year service interval

LEISURE

GLOBAL SERVICE NETWORK



CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF0375	800 x 520 x 280	32
	8	RAF0385	800 x 520 x 280	35
	10	RAF0395	800 x 520 x 320	36
	12	RAF0400	800 x 520 x 360	39.5

VALISE	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF0405	760 x 450 x 260	28
	8	RAF0410	760 x 450 x 260	32.5
	10	RAF0415	860 x 450 x 270	33.5
	12	RAF0420	860 x 450 x 270	37

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm





## OCEAN ISO LIFERAFT

The award winning Ocean ISO 9650 Liferaft is compact and of superior design and construction and has been developed specifically for the global leisure market. This liferaft meets the requirements under current MCA Codes Of Practice, Class XII, World Sailing Offshore Special Regulations and French Regulations, Division 240, Division 333. It has also been third party approved to ISO 9650 Type 1 requirements by the Notified Body RINA.

### FEATURES

- Exceptional quality - designed, tested and manufactured to ISO 9650
- Made with PU nylon laminate
- Insulated floor
- SOLAS approved internal and external lighting system
- Strong boarding ladder with aluminium tubing to improve ease of access
- Knee scoop with grab handles for quick boarding
- Hermetically sealed
- 6m drop height
- Rainwater collection system
- External lifelines
- Significant additional ballast - exceeding standard ISO requirement
- SOLAS retro-reflective tape
- Observation port
- Container or valise
- 3 year service interval

LEISURE

COMMERCIAL

GLOBAL SERVICE NETWORK



LESS THAN 24HR - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF0105	710 x 490 x 240	30
	6	RAF0115	710 x 490 x 280	37
	8	RAF0125	800 x 520 x 280	40.5
	10	RAF0135	890 x 520 x 280	48
	12	RAF0140	890 x 520 x 280	50.5
	14	RAF0141	890 x 520 x 310	**
	16	RAF0143	940 x 640 x 344	**

GREATER THAN 24HR - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF0152	710 x 490 x 280	41
	6	RAF0154	800 x 520 x 310	53
	8	RAF0156	800 x 520 x 310	59
	10	RAF0158	890 x 520 x 310	71
	12	RAF0159	890 x 520 x 310	82
	14	RAF0145	940 x 640 x 344	**
	16	RAF0147	1100 x 650 x 340	**

SOLAS B - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF0165	710 x 490 x 280	33.5
	6	RAF0175	800 x 520 x 310	41
	8	RAF0185	800 x 520 x 310	42.5
	10	RAF0195	890 x 520 x 310	50
	12	RAF0200	890 x 520 x 310	51.5
	14	RAF0205	890 x 520 x 310	**
	16	RAF0210	940 x 640 x 344	**

LESS THAN 24HR - VALISE	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF0100	670 x 420 x 240	25.5
	6	RAF0110	740 x 430 x 240	33
	8	RAF0120	740 x 440 x 250	34
	10	RAF0130	850 x 450 x 260	42

GREATER THAN 24HR - VALISE	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF0151	670 x 420 x 240	37
	6	RAF0153	740 x 460 x 270	50
	8	RAF0155	740 x 470 x 280	54
	10	RAF0157	850 x 490 x 290	72

SOLAS B - VALISE	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF0160	670 x 420 x 240	28
	6	RAF0170	740 x 460 x 270	36
	8	RAF0180	740 x 470 x 280	37
	10	RAF0190	850 x 490 x 290	45.5

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm

\*\* Please refer to your account manager for weights

OCEAN REGATTA LIFERAFT

Ocean Safety's latest addition to their comprehensive liferaft range, the Regatta (less than 24 hours & SOLAS B) liferaft offers a light and ultra-compact ISO 9650 Type 1 raft where space and weight savings are an important requirement.

FEATURES

- Container or valise
  - 4, 6, 8, 10 or 12 person capacity
  - 3 year service interval
  - Insulated floor
  - Internal and external lifelines
  - Rainwater collection system
- SOLAS retro-reflective tape
  - Observation port
  - Exterior locator light
  - Interior LED light
  - 4 large water ballast pockets for increased stability
  - Boarding ramp and ladder

LEISURE

COMMERCIAL

GLOBAL SERVICE NETWORK



LESS THAN 24HR - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF1300	683 x 455 x 235	33
	6	RAF1310	730 x 515 x 245	38
	8	RAF1320	730 x 515 x 260	44
	10	RAF1330	791 x 566 x 295	46
	12	RAF1340	791 x 566 x 328	52

LESS THAN 24HR - VALISE	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF1305	650 x 400 x 220	29
	6	RAF1315	650 x 425 x 240	33
	8	RAF1325	690 x 490 x 240	39

SOLAS B - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF1308	730 x 515 x 245	35.5
	6	RAF1318	730 x 515 x 260	40.5
	8	RAF1328	791 x 566 x 295	46.5
	10	RAF1338	791 x 566 x 295	49
	12	RAF1348	791 x 566 x 328	55

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm





OCEAN STANDARD LIFERAFT

The Ocean Standard liferaft is a practical yet affordable entry level liferaft, ideal for coastal and short offshore leisure boating and non-coded craft.

FEATURES

- Manufactured using tough quality rubber
  - Insulated floor
  - Highly visible orange canopy
  - Large water ballast pockets for increased stability
  - Zip closure on entrance
- Rain water collection and dispenser system
  - Automatic light
  - Complete with Ocean Standard pack
  - Container or valise

LEISURE



VALISE	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF0430	600 x 380 x 240	23.5
	6	RAF0440	700 x 400 x 240	29

CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	4	RAF0435	650 x 430 x 280	28
	6	RAF0445	740 x 480 x 290	38

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm





OCEAN SOLAS ULTRALITE LIFERAFT

The Ocean SOLAS Ultralite liferaft is a unique development based on Ocean Safety's original space-saving liferaft, the Ocean SOLAS Compact.

Enabling professional sailors to reduce weight onboard, boosting their advantage to increase speed. The Ocean SOLAS Ultralite utilises carbon and composite technologies to achieve a significant weight saving when compared to like for like products on the market.

FEATURES

- SOLAS/MED/MER approved
  - 18m drop height
  - SOLAS approved internal and external lighting system
  - Insulated floor to retain heat
  - Retro-reflective tape
  - Dual zip closure for splash protection
  - Dual tube inflation system
- Strong inflatable boarding ramp with reinforced ladder for ease of boarding
  - Large water ballast pockets for maximum stability
  - External lifelines
  - Observation port
  - 1 year service intervals

COMMERCIAL



SOLAS A - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF5007	790 x 555 x 340	54
	8	RAF5009	840 x 570 x 340	62
	10	RAF5011	940 x 640 x 344	71
	12	RAF5013	940 x 640 x 344	78
	16	RAF5015	1100 x 650 x 370	92

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm



## OCEAN SOLAS COMPACT LIFERAFT

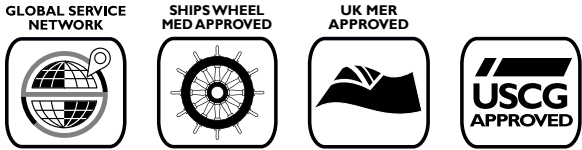
The Ocean SOLAS Compact liferaft is built to the advanced buoyancy of 82.5kg per person and meets the MSC.295(87) regulations. Designed and developed in-house; the SOLAS Compact is a progression of the military range which Ocean Safety supplied to the MOD for over ten years.

The SOLAS Compact offers a 40% space reduction over the cylindrical container, an important feature when room onboard is at a premium. It can be stored horizontally or vertically and is designed for vessels with a stowage requirement of up to 18m.

### FEATURES

- SOLAS/MED/USCG/MER approved
  - Flat pack
  - Compact container
  - SOLAS approved internal and external lighting system
  - Insulated floor to retain heat
  - Retro-reflective tape
  - Dual zip closure for splash protection
- Dual tube system
  - Strong inflatable boarding ramp with reinforced ladder for ease of boarding
  - Large water ballast pockets for maximum stability
  - External lifelines
  - Observation port
  - 1 year service interval

### COMMERCIAL



SOLAS A - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF5006	790 x 555 x 340	64
	8	RAF5008	840 x 570 x 340	74
	10	RAF5010	940 x 640 x 344	87
	12	RAF5012	940 x 640 x 344	102
	16	RAF5014	1100 x 650 x 370	135

SOLAS B - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF5020	790 x 555 x 280	48
	8	RAF5022	840 x 570 x 295	57
	10	RAF5024	940 x 640 x 315	63
	12	RAF5026	940 x 640 x 315	80
	16	RAF5028	1100 x 650 x 340	86

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm





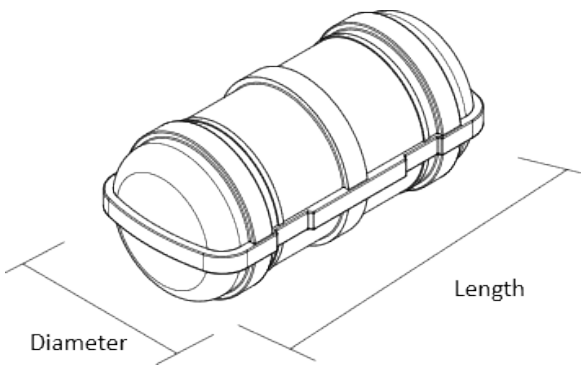
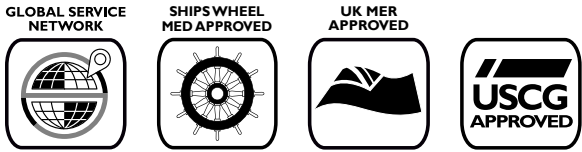
### OCEAN SOLAS THROW-OVER LIFERAFT

The Ocean SOLAS Throw-over liferaft is built to the advanced buoyancy of 82.5kg per person and meets the MSC.295(87) regulations. Designed for vessels with a stowage requirement of up to 25m as standard, with greater options available. Option of SOLAS A or B safety packs. A range of liferaft cradles and stowage racks are available to suit all deck layouts.

#### FEATURES

- SOLAS/MED/USCG/MER approved
  - SOLAS approved internal and external lighting system
  - 25m drop height (greater options are available)
  - Cylindrical container
  - Launch type: Throw-over
  - Insulated floor to retain heat
  - Retro-reflective tape
- Dual zip closure for splash protection
  - Dual tube inflation system
  - Strong inflatable boarding ramp with reinforced ladder for ease of boarding
  - Large water ballast pockets for maximum stability
  - External lifelines
  - Observation port
  - 1 year service interval

#### COMMERCIAL



SOLAS A - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF5100	1050 x 590	85
	8	RAF5102	1085 x 644	98
	10	RAF5104	1185 x 644	108
	12	RAF5106	1250 x 644	125
	16	RAF5108	1200 x 690	146
	20	RAF5110	1450 x 690	172
	25	RAF5112	1450 x 690	185

SOLAS B - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF5120	1050 x 590	72
	8	RAF5122	1085 x 644	82
	10	RAF5124	1185 x 644	88
	12	RAF5126	1250 x 644	100
	16	RAF5128	1200 x 690	112
	20	RAF5130	1450 x 690	130
	25	RAF5132	1450 x 690	135

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm



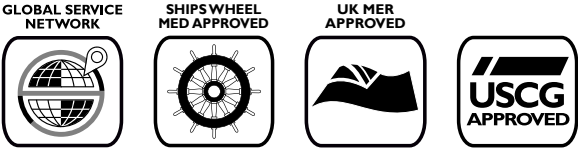
OCEAN SOLAS ELLIPSE LIFERAFT

The Ocean SOLAS Ellipse Liferaft is designed and manufactured to meet the needs of vessels, complying with the SOLAS/MED/MER requirements. Universally sized, the new cylindrical container has been designed to fit specifically into the existing cradles and mountings onboard many commercial vessels, without needing to upgrade their onboard infrastructure.

FEATURES

- SOLAS/MED/MER approved
- SOLAS approved internal and external lighting system
- 18m drop height (greater options are available)
- Insulated floor to retain heat
- Retro-reflective tape
- Dual zip closure for splash protection
- Dual tube system
- Strong inflatable boarding ramp with reinforced ladder for ease of boarding
- Large water ballast pockets for maximum stability
- External lifelines
- Observation port
- Approved up to 40m drop height
- Cylindrical container
- Launch type: Throw-over
- 1 year service interval

COMMERCIAL



SOLAS A - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF5050	1260 x 485	80
	8	RAF5052	1260 x 485	85
	10	RAF5054	1395 x 535	95
	12	RAF5056	1395 x 535	108
	16	RAF5058	1542 x 530	135
	20	RAF5060	1635 x 585	173
	25	RAF5062	1635 x 585	185

SOLAS B - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF5070	1260 x 485	69
	8	RAF5072	1260 x 485	70
	10	RAF5074	1395 x 535	75
	12	RAF5076	1395 x 535	84
	16	RAF5078	1542 x 530	103
	20	RAF5080	1635 x 585	133
	25	RAF5082	1635 x 585	135

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm





OCEAN SOLAS DAVIT LAUNCH LIFERAFT

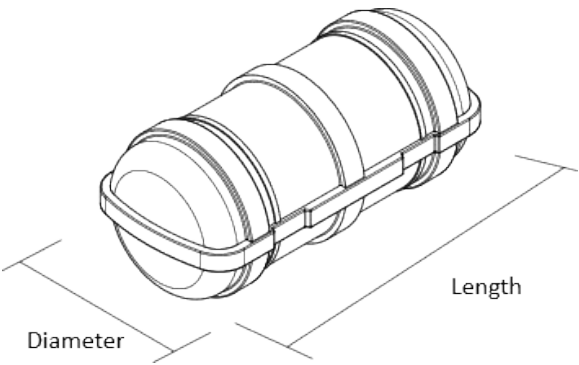
Ocean Safety offer a selection of davit launch liferaft systems to support the range, which can be adapted to suit your specific requirements.

With reinforced webbing, davit launch liferafts are designed to be boarded at deck level before being lowered into the water.

FEATURES

- SOLAS/MED/MER approved
  - SOLAS approved internal and external lighting system
  - Davit launch
  - Insulated floor to retain heat
  - Retro-reflective tape
  - Dual zip closure for splash protection
  - Dual tube inflation system
- Strong inflatable boarding ramp with reinforced ladder for ease of boarding
  - Large water ballast pockets for maximum stability
  - External lifelines
  - Observation port
  - Cylindrical container
  - 1 year service interval

COMMERCIAL



SOLAS A - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	12	RAF5200	1200 x 690	142
	16	RAF5202	1450 x 690	170
	20	RAF5204	1560 x 760	226
	25	RAF5206	1660 x 760	270

SOLAS B - CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	12	RAF5210	1200 x 690	125
	16	RAF5212	1450 x 690	140
	20	RAF5214	1560 x 760	190
	25	RAF5216	1660 x 760	210

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm





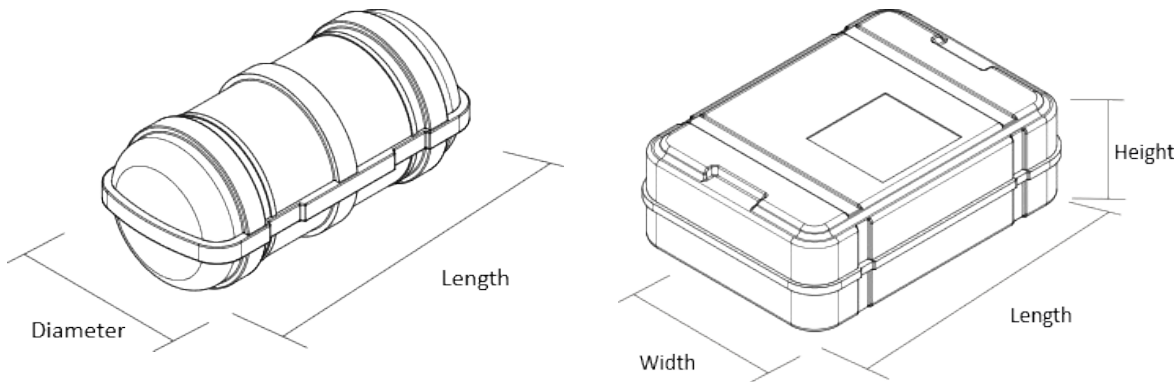
OCEAN SOLAS OPEN REVERSIBLE LIFERAFT

The Ocean SOLAS Open Reversible (ORL) has been designed to allow boarding onto either side of the raft. Ideal for appropriately coded vessels and high-speed craft. Approved by many leading administrations, Ocean Safety offer both cylindrical and flat container options.

FEATURES

- SOLAS/MED/MER approved
  - SOLAS approved lighting system
  - 10m drop height
  - Retro-reflective tape
  - Dual tube inflation system
  - Strong inflatable boarding ramp with reinforced ladder for ease of boarding
- Large water ballast pockets for maximum stability
  - External lifelines
  - Launch type: Throw-over
  - Cylindrical & flat container option
  - Bi-annual service interval after the first year

COMMERCIAL



SOLAS A - CYLINDRICAL	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	6	RAF5264	880 x 550	54
	15	RAF5266	1050 x 590	90
	25	RAF5268	1185 x 645	122
	30	RAF5270	1200 x 690	144
	50	RAF5272	1450 x 690	178
	65	RAF5274	1560 x 760	208
	132	RAF5280	1760 x 810	346

SOLAS B - FLAT PACK	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	25	RAF5256	1100 x 700 x 440	120
	30	RAF5258	1100 x 700 x 440	140
	65	RAF5262	1540 x 770 x 550	200

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm



OCEAN ELLIPSE OPEN REVERSIBLE (ORL) LIFERAFT

Ocean SOLAS Open Reversible Liferaft (ORL) is designed to allow boarding onto either side of the raft. Ideal for coded vessel and high speed craft.

FEATURES

- SOLAS/MED/MER approved
  - SOLAS approved lighting system
  - 10m drop height
  - Retro-reflective tape
  - Dual tube inflation system
  - Strong inflatable boarding ramp with reinforced ladder for ease of boarding
- Large water ballast pockets for maximum stability
  - External lifelines
  - Launch type: Throw-over
  - Cylindrical container
  - Bi-annual service interval after the first year

COMMERCIAL



CONTAINER	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	25	RAF5320	1395 x 535	102
	30	RAF5322	1935 x 535	141
	50	RAF5324	1635 x 585	179

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm





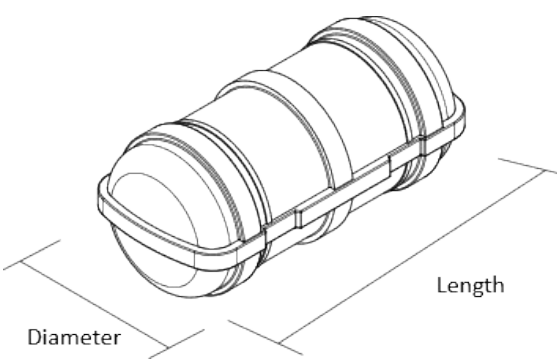
OCEAN SAFETY NON-SOLAS OPEN REVERSIBLE LIFERAFT

The Ocean Safety NON-SOLAS Open Reversible (ORL) has been designed to allow boarding onto either side of the raft. Approved and intended for installation on UK Class II to VI(A) vessels, Ocean Safety offer both cylindrical and ellipse container options.

FEATURES

- UK MCA MSN 1676 approved
  - DNV type approved
  - MED & MER approved lighting system
  - 10m drop height
  - Retro-reflective tape
  - Dual tube inflation system
  - Strong inflatable boarding ramp with reinforced ladder for ease of boarding
- Large water ballast pockets for maximum stability
  - External lifelines
  - Launch type: Throw-over
  - Cylindrical & Ellipse container option
  - Bi-annual service interval after the first year

COMMERCIAL



NON-SOLAS E-PACK - CYLINDRICAL	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	30	RAF5400	1185 x 645	122
	37	RAF5402	1200 x 690	144
	65	RAF5404	1450 x 690	178

NON-SOLAS E-PACK - ELLIPSE	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	30	RAF5450	1395 x 565	102
	37	RAF5452	1935 x 535	141
	65	RAF5454	1635 x 585	179

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm



AERO COMPACT LIFERAFT

The Aero Compact is an ideal liferaft solution for when traditional rafts cannot be used due to limited space. This includes small yacht, powerboat, private fishing, RIB, light aviation and paddle markets.

With double 90.7kg SuperRev™ ballast pockets, the Aero Compact enhances stability in the roughest of sea conditions. Its light weight allows for easy deployment, and the compact size makes stowage easy even in the smallest of spaces.

FEATURES

- Bridges the gap between the lifejacket and the full feature liferaft
  - Double 90.7kg weighted SuperRev™ ballast pockets for stability
  - Raft inflates automatically in less than 30 seconds with self-contained CO<sub>2</sub> inflation system
  - Single tube, single compartment construction
  - Tube and floor fabric: polyurethane coated nylon fabric
- RF welded and adhesive bonded tape seams
  - Valise: Durable weather and UV resistant vinyl-coated polyester with optional, detachable equipment pack/kit
  - Pressure relief valve
  - Required initial service 2 years after purchase; Annual service intervals thereafter
  - Launch type: Throw-over
  - 1 year service interval

COMMERCIAL

LEISURE



VALISE	Capacity	Part Numbers	Dimensions (mm)	Weight Pack (kg)
	2	RAF0550	356 x 229 x 127	6kg
	4	RAF0560	356 x 280 x 127	8.5kg

\*Weights issued with a tolerance of +/- 0.5 kg. Dimensions issued with a tolerance of +/- 30mm





LIFERAFT EQUIPMENT CONTENTS

	OCEAN STANDARD PACK	ISO 9650 TYPE 1 LESS THAN 24HR	ISO 9650 TYPE 1 GREATER THAN 24HR	SOLAS ORL - HSC & NON SOLAS EPACK	COM SOLAS A	COM SOLAS B	ISO SOLAS B
External lights	1	1	1	1	1	1	1
Painter line	1	1	1	1	1	1	1
Bowsing line >30 person	-	-	-	1	-	-	-
Towing point	1	1	1	1	1	1	1
External & internal lifelines	1	1	1	1	1	1	1
Righting system	1	1	1	-	1	1	1
Boarding facilities	1	1	1	1	1	1	1
Boarding facilities >30 persons*	-	-	-	1	-	-	-
Sea anchor	1	1	1	1	2	2	2
Rescue quoit & line (30m)	1	1	1	1	1	1	1
Safety knife	1	1	1	2	1	1	1
Safety knife >13 persons*	-	-	-	-	1	1	1
Bailer	1	1	1	1	1	1	1
Bailer >13 persons*	-	-	-	-	1	1	1
Sponge	2	2	2	2	2	2	2
Paddles (pair)	1	1	1	1	1	1	1
Tin Openers	-	-	-	-	3	-	-
Cat C medical kit	-	-	-	1	1	1	1
First aid kit	-	-	1	-	-	-	-
Whistle	1	1	1	1	1	1	1
Red hand flare	3	3	6	2	6	3	3
Red parachute flare	-	2	2	-	4	2	2
Orange buoyant smoke	-	-	-	-	2	1	1
Torch & spare batteries / bulb	1	1	2	1	1	1	1
Radar reflector	-	-	-	-	1	1	1
Mirror	-	1	1	-	1	1	1
No2 SOLAS card	-	-	-	-	1	1	1
Fishing Tackle	-	-	-	-	1	-	-
Seasickness pills (per person)	-	6	6	-	6	6	6
Seasickness bags (per person)	-	1	1	-	1	1	1
TPA	-	-	2	-	2	2	2
TPA >25 persons*	-	-	-	-	1	1	-
Repair kit	1	1	1	1	1	1	1
Bellows	1	1	1	1	1	1	1
Graduated drinking vessel	-	-	-	-	1	-	-
Water (per person) 1.5L	-	-	1	-	1	-	-
Food (per person) 10,000KJ	-	-	1	-	1	-	-
Survival Guide	1	1	1	1	1	1	1
Immediate Action Card	1	1	1	1	1	1	1

\* Additional

GRAB BAG OPTIONS

To aid survival in a liferaft and to carry equipment over and above what would be found in the liferaft emergency pack.

OCEAN SAFETY GRAB BAG

A robust roll-down dry bag complete with shoulder strap for easy transportation.

Code	Description
SUR0197	Ocean Safety Grab Bag

SOLAS A UPGRADE

These grab bags are designed to bring your liferaft equipment up to SOLAS A specification when used in conjunction with ISO liferafts.

Code	Description
SUR0370	SOLAS A Upgrade Grab Bag - 4 person
SUR0372	SOLAS A Upgrade Grab Bag - 6 person
SUR0374	SOLAS A Upgrade Grab Bag - 8 person
SUR0376	SOLAS A Upgrade Grab Bag - 10 person
SUR0378	SOLAS A Upgrade Grab Bag - 12 person

SOLAS B UPGRADE  
(ISO / WORLD SAILING)

These grab bags are designed to bring your liferaft equipment up to SOLAS B specification when used in conjunction with ISO or World Sailing liferafts.

Code	Description
SUR0230	SOLAS B Update Grab Bag - World Sailing - 4 Person
SUR0235	SOLAS B Update Grab Bag - World Sailing - 6 person
SUR0240	SOLAS B Update Grab Bag - World Sailing - 8 person
SUR0260	SOLAS B Update Grab Bag - ISO - 4 person
SUR0265	SOLAS B Update Grab Bag - ISO - 6 person
SUR0275	SOLAS B Update Grab Bag - ISO - 8 person
SUR0285	SOLAS B Update Grab Bag - ISO - 10 person
SUR0290	SOLAS B Update Grab Bag - ISO - 12 person

ISO GREATER THAN 24 HOUR UPGRADE

Upgrade your grab bag from less than 24 hours to greater than 24 hours to meet greater than 24 hours regulations.

Code	Description
SUR0340	ISO >24 Hour Upgrade Grab Bag - 4 person
SUR0345	ISO >24 Hour Upgrade Grab Bag - 6 person
SUR0350	ISO >24 Hour Upgrade Grab Bag - 8 person
SUR0360	ISO >24 Hour Upgrade Grab Bag - 10 person
SUR0365	ISO >24 Hour Upgrade Grab Bag - 12 person



OCEAN SAFETY  
COMMERCIAL LIFERAFT  
LASHING STRAPS

Commercial lashing strap suitable for 6-25 man liferaft containers.



Code	Description
SAF0205	OS Commercial Liferaft Lashing Straps

OS LIFERAFT DECK  
LASHINGS STRAP

This innovative webbing kit is fully adjustable and gives a quick release solution. Whilst also providing the basis for hydrostatic release integration from a deck mounted application.



Code	Description
SAF0200	OS Liferaft Deck Lashings Strap

SENHOUSE SLIP

Stainless steel Senhouse Slip, also known as a pelican hook, can be used in conjunction with our liferaft securing straps and hydrostatic release units.



Code	Description
SAF0195	Senhouse Slip

CHOCK SET  
& STRAPS

Plastic liferaft chock set with straps.



Code	Description
SAF0225	Chock Set & Straps

SEDDON LINK

These webbing links are extremely popular due to their simplicity and adaptability. Fitted or removed in seconds, they provide very strong attachment points for safety lines or sheet blocks.



Code	Description
HAR0022	Seddon Link

WEBBING STRAPS

This innovative webbing kit is fully adjustable and gives a quick release solution. Whilst also providing the basis for hydrostatic release integration with the standard universal cradle and vertical/deck mount cradle.



Code	Description
RAF0752	Webbing Straps for cradles

HAMMAR EASY  
RELEASE MANUAL  
HOOK

The Hammar Easy Release manual hook is strong and can withstand 15kN lashing load. It is easy to release, even under high lashing load and with only one hand. The Hammar Easy Release fits all H20 raft models. Longer connection wire to the lashing is available upon request.



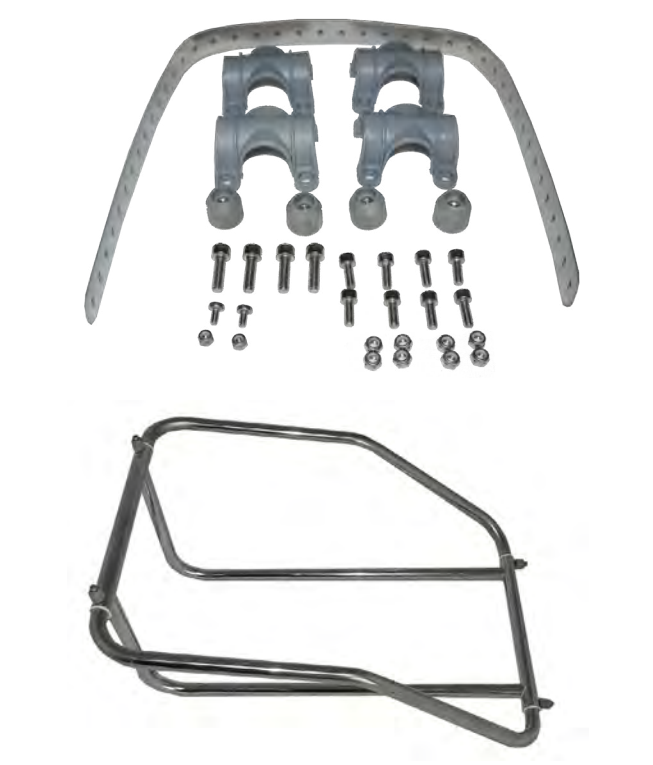
Code	Description
HAM1255	Hammar Easy Release Manual Hook

VERTICAL/DECK  
MOUNT CRADLE

The vertical/deck, mount cradle is suitable for up to an 8 man liferaft and is ideal for the transom.

A quick release Senhouse Slip webbing strap is also available and it is supplied with a standard fitting kit.

**Dimensions (mm):**  
Min: 700 x 440 x 300  
Max: 1000 x 680 x 400  
**Max weight (kg):**  
80kg



Code	Description
RAF0775	Vertical / Deck Mount Cradle

OCEAN SAFETY W CRADLE

Unique and simple cradle system constructed from galvanised steel, which offers a convenient method of stowing different sized cylindrical liferaft containers, which comes complete with mounting strap. Compatible for use with Hammar release systems.

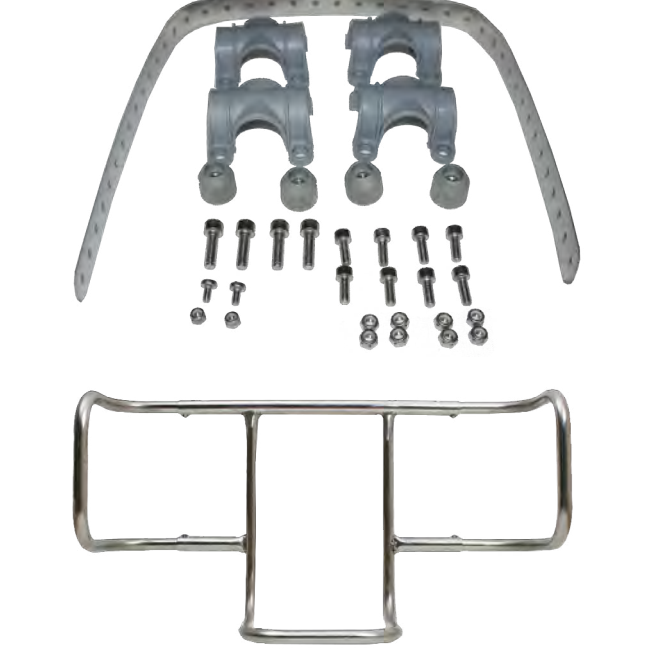
Code	Description
RAF3380	Ocean Safety W Cradle

UNIVERSAL CRADLE

A fully adjustable universal liferaft cradle, which has been designed to fits most makes of liferaft and can be mounted either vertically or horizontally on the pushpit or transom. It is supplied with dual purpose pushpit mounting u-brackets and a liferaft retaining strap. Suitable for up to an 8 man liferaft.

A quick release Senhouse slip webbing strap is also available.

**Dimensions (mm):**  
Min: 200 x 720 x 400  
Max: 400 x 870 x 540  
**Max weight (kg):**  
80kg



Code	Description
RAF0750	Universal Cradle
RAF0751	Spare Brackets (Plastic)
RAF0756	Brackets S/S



## OCEAN COMPACT/ISO CRADLE

The Ocean Safety Compact/ISO cradle has been designed to mount your Ocean Safety liferaft, offering a solid bespoke mounting solution. The stainless steel full cradle requires four cradle feet and two cradle beams to fit the raft. Alternatively, the four feet are available on their own.

The cradle can be mounted horizontally only. (Deck fixings are not included).

### FEATURES

- Cradle suitable for both Ocean Compact & ISO liferaft containers
- Available in galvanised or stainless steel
- Feet supplier with adhesive rubber padding
- Beams supplied as a set of two including nuts and bolts for fixing to feet
- Available for 4-12 person ISO and 6-16 person compact liferaft containers



### COMPACT

STAINLESS STEEL			GALVANISED STEEL	
Size	Code	Beam length	Code	Beam length
6 Person	CRA1270	540mm	CRA1220	540mm
8 Person	CRA1275	590mm	CRA1225	590mm
10/12 Person	CRA1280	690mm	CRA1230	690mm

### ISO Cradles

STAINLESS STEEL			GALVANISED STEEL	
Size	Code	Beam length	Code	Beam length
4 Person	CRA1255	460mm	CRA1205	460mm
6/8 Person	CRA1260	550mm	CRA1210	550mm
10/12 Person	CRA1265	640mm	CRA1215	640mm

### SET OF FOUR FEET ONLY

STAINLESS STEEL	GALVANISED STEEL
CRA1250	CRA1200

## HAMMAR HYDROSTATIC RELEASE UNIT

The Hammar H20 is activated by increasing water pressure, and will automatically release liferafts, when water pressure reaches a depth of 1.5 - 4.0m.

Code	Description
HAM1015	Hammar Hydrostatic Release Unit - 4-12 person only
HAM1000	Hammar Hydrostatic Release Unit - 6-150 person only



4-12 person (leisure raft)    6-150 person (commercial raft)



## OCEAN SAFETY COMPACT FOLDABLE FOAM LIFEJACKET 150N

Designed for merchant ships. When compared to classic foldable lifejackets, they take up even less space, making them an ideal solution for limited storage conditions as they can be easily placed even under seats. Constructed with SOLAS approved reflective tape, approved whistle, lifting loop, crotch strap, buddy line and alternative positions for lifejacket light installation.

### FEATURES

- Easily stored under the seats
- Retro-reflective tape
- Approved whistle
- Lifting loop
- Buddy line



Code	Size	Description
LIF0915	Adult	Ocean Safety Compact Foldable Foam Lifejacket
LIF0920	Child	Ocean Safety Compact Foldable Foam Lifejacket

COMMERCIAL

## OCEAN SAFETY STANDARD FOAM LIFEJACKET 150N

Designed to equip merchant ships. Constructed with SOLAS approved reflective tapes, approved whistle and two alternative positions for lifejacket light installation (front or side).

Also equipped with a belt ending in a plastic hook so as to allow persons wearing it to be strapped together. For general application and full weather clothing, turns an unconscious person into a safe position in less than five seconds.

### FEATURES

- Retro-reflective tape ISO 12402-8
- Approved whistle
- Two belt positions for lifejacket light installation
- Constructed in accordance to international regulations IMO MSC.200(80) & MSC.207(81)



Code	Size	Description
LIF0875	Adult	Ocean Safety Standard Foam Lifejacket
LIF0880	Child	Ocean Safety Standard Foam Lifejacket
LIF0885	Infant	Ocean Safety Standard Foam Lifejacket

COMMERCIAL

## OCEAN SAFETY CHALLENGER SOLAS INTERLOCK 275

The SOLAS approved Ocean Safety Challenger Interlock 275 lifejacket has been designed for use as a combined working/ abandonment lifejacket.

This incredibly lightweight and comfortable to wear lifejacket design gives excellent neck and head support which is particularly vital for an unconscious wearer. With 300N buoyancy performance the lifejacket is designed to be worn when the user is wearing heavy duty clothing or with an abandonment suit, where it guarantees to self-right the wearer in less than 5 seconds.

### FEATURES

- 300N buoyancy, interlocking twin chamber
- Abandonment suit compatible
- Adjustable waist belt
- AIS compatible
- Aquaspec AQ8A lifejacket light
- Buddy line
- Durable waterproof cover
- Halkey Roberts inflation system
- Hook & loop closure
- Integral lifting becket
- Retro-reflective tape on bladder
- Stainless steel front buckle
- Tailored fit
- Wave barrier bladder technology
- Whistle
- Spray hood

### OPTIONS

- Crotch strap
- Deck harness
- Red nylon, orange PVC & panotex covers
- SOLAS waist belt extender
- Sprayhood



Code	Colour	Description
LIF8007	Red	Ocean Safety Challenger SOLAS Interlock 275 Auto Harness
LIF8011	Orange PVC	Ocean Safety Challenger SOLAS Interlock 275 Auto Harness
LIF8009	Orange PVC	Ocean Safety Challenger SOLAS Interlock 275 Auto

COMMERCIAL

## OCEAN SAFETY CHALLENGER INTERLOCK SERIES III OFFSHORE 275

For Emergency use on Offshore Installations the Ocean Safety Challenger Interlock 275 Series III is available with the extended service format. It has been ergonomically designed for comfort. If stored in the conventional manner i.e. hanging in a cabinet - the service interval is every 12 months.

To facilitate extended servicing intervals and to remove the risks of accidental inflation and tampering. The lifejacket has the option of an extended service packaging system. Each lifejacket is hermetically sealed in a military spec foil laminate bag together with a calculated quantity of moisture absorbent desiccant. Provided the foil laminate bag is not damaged the service interval can be extended for up to 5 years - subject to Flag State acceptance. Our recommended service regime is to undertake a 20% per year service combined with a 100% inspection of the bags. This ensures the maintenance budget remains even over the 5 year period.

### FEATURES

- 300N buoyancy, interlocking twin chamber
- Abandonment suit compatible
- AIS compatible
- Aquaspec AQ8A lifejacket light
- Buddy line
- Crotch Strap
- Durable waterproof red/ navy nylon cover
- Foil laminate packaging for extended service life
- Halkey Roberts inflation system
- Hook & loop closure
- Integral lifting becket
- Plastic front buckle
- Retro-reflective tape on bladder
- Side adjusted waist belt
- SOLAS MED approved
- Sprayhood
- Tailored fit
- Wave barrier bladder technology



Code	Colour	Description
LIF8500	Red	Ocean Safety Challenger Interlock Series III Offshore 275 Auto

COMMERCIAL

## OCEAN SAFETY CHALLENGER SOLAS FLEXI-WING 150

The Ocean Safety Challenger Flexi-Wing 150 Lifejacket has been designed as a dual-purpose emergency abandonment or constant wear lifejacket. The low-profile design offers the wearer improved movement, whilst the unique flexi-wing design provides the wearer enhanced in water performance. The interlocking lobe design self-rights the wearer in under five seconds.

### FEATURES

- 150N buoyancy, interlocking twin chamber
- Abandonment suit compatible
- Adjustable waist belt
- AIS compatible
- Aquaspec AQ8A Lifejacket Light
- Buddy line
- Durable waterproof cover
- Halkey Roberts Alpha inflation system
- Hook & loop closure
- Integral lifting becket
- Retro-reflective tape on bladder
- SOLAS MED approved
- Stainless steel front buckle
- Tailored fit
- Wave barrier bladder technology
- Whistle

### OPTIONS

- Crotch strap
- Deck harness
- Red nylon, orange PVC & Panotex covers
- SOLAS waist belt extender
- Sprayhood



Code	Colour	Description
LIF8260	Orange PVC	Ocean Safety SOLAS Challenger Flexi-Wing 150 Auto
LIF8262	Orange PVC	Ocean Safety SOLAS Challenger Flexi-Wing 150 Auto Harness

COMMERCIAL

## OCEAN SAFETY CHALLENGER WORKSAFE PRO 170

The Ocean Safety Challenger Worksafe Pro 170 Lifejacket enhances the performance of the standard Worksafe range featuring a slim fit ergonomic design with mesh back for increased support and breathability. A neoprene neck comes as standard, further enhancing wearer comfort. Buoyant to 170N, it has a super-fast turnover speed, whilst its unique design increasing freeboard thus keeping the airways high above the water line, to help reduce the possibility of secondary drowning.

### FEATURES

- 170N buoyancy, single chamber
- AIS compatible
- Crotch strap
- Durable waterproof cover
- Firing head window with indicator
- Zip utility pocket
- Integral lifting becket
- ISO 12402 approved
- Mesh back for added comfort
- Neoprene comfort neck
- Plastic front buckle
- Radio attachment point
- Retro-reflective tape on bladder
- Side adjusted waist belt
- Tailored fit
- United Moulders Elite auto inflation system
- Wave barrier bladder technology (170N Only)
- Whistle
- Zip closure

### OPTIONS

- Aquaspec lifejacket light
- Deck harness with stainless steel front buckle
- Black nylon & black nylon/orange PVC covers
- Sprayhood
- Hammar hydrostatic inflation system



Code	Colour	Description
LIF8236	Black/ Orange PVC	Ocean Safety Challenger Worksafe Pro 170 Auto Harness
LIF8234	Black/ Orange PVC	Ocean Safety Challenger Worksafe Pro 170 Auto

COMMERCIAL

## OCEAN SAFETY CHALLENGER WORKSAFE PRO 300

The Ocean Safety Challenger Worksafe Pro 300 Lifejacket enhances the performance of the standard Worksafe range featuring a slim fit ergonomic design with mesh back for increased support and breathability. A neoprene neck comes as standard, further enhancing wearer comfort. Buoyant to 300N, it has a super-fast turnover speed, whilst its unique design increasing freeboard thus keeping the airways high above the water line, to help reduce the possibility of secondary drowning.

### FEATURES

- 300N buoyancy, single chamber
- AIS compatible
- Crotch strap
- Durable waterproof cover
- Firing head window with indicator
- Zip utility pocket
- Integral lifting becket
- ISO 12402 approved
- Mesh back for added comfort
- Neoprene comfort neck
- Plastic front buckle
- Radio attachment point
- Retro-reflective tape on bladder
- Side adjusted waist belt
- Tailored fit
- United Moulders Elite auto inflation system
- Whistle
- Zip closure

### OPTIONS

- Aquaspec Lifejacket Light
- Deck harness with stainless steel front buckle
- Black nylon & black nylon/orange PVC covers
- Sprayhood
- Hammar hydrostatic inflation system



Code	Colour	Description
LIF8246	Black/Orange PVC	Ocean Safety Challenger Worksafe Pro 300 Auto
LIF8248	Black/Orange PVC	Ocean Safety Challenger Worksafe Pro 300 Auto Harness

COMMERCIAL

## OCEAN SAFETY CHALLENGER WORKSAFE 170 & 300

The Ocean Safety Challenger Worksafe 170 & 300 Lifejackets are designed to be easy to don, comfortable and unrestrictive to wear when performing heavy manual work. The Worksafe incorporates the interlocking bladder, which self-rights the wearer in under five seconds, (even if they are unconscious) and provides an effective wave barrier which prevents water from being channelled into the wearers airways.

### FEATURES

- 170N or 300N buoyancy, single chamber
- Adjustable waist belt
- AIS compatible
- Durable waterproof cover
- Halkey Roberts inflation system
- Hook & loop closure
- Integral lifting becket
- ISO 12402 approved
- Retro-reflective tape on bladder
- Single chamber interlocking lobes
- Stainless steel front buckle
- Tailored fit
- Wave barrier bladder technology
- Whistle

### OPTIONS

- Aquaspec lifejacket light
- Auto or manual
- Crotch strap
- Deck harness
- Red nylon, orange PVC & panotex covers
- Sprayhood



Code	Colour	Description
LIF8205	Red	Ocean Safety Challenger Worksafe 170 Auto Harness
LIF8207	Orange PVC	Ocean Safety Challenger Worksafe 170 Auto
LIF8209	Orange PVC	Ocean Safety Challenger Worksafe 170 Auto Harness
LIF8210	Red	Ocean Safety Challenger Worksafe 300 Auto
LIF8213	Orange PVC	Ocean Safety Challenger Worksafe 300 Auto
LIF8215	Orange PVC	Ocean Safety Challenger Worksafe 300 Auto Harness
LIF8220	Fire Retardant	Ocean Safety Challenger Worksafe 300 Auto Harness

COMMERCIAL



## SPINLOCK DURO SOLAS+ 275N

The DURO SOLAS+ 275N lifejacket has been engineered for demanding use and conditions with a heavy-duty, durable outer cover, SOLAS+ features a full approved deck harness with rear attachment option. An improved buckle system ensures easy donning, ultimate comfort and fit. Often used commercially in wind farms, superyachts and oil rigs where SOLAS approved lifejackets are required.

### FEATURES

- 275N (62lbs) buoyancy twin chamber lifejacket
- Structured shape and body
- Single belt adjustment
- Single crotch strap
- Compatible with most fall-arrest harness models
- Soft loop deck harness for safety line attachment
- Optional rear harness attachment point
- Twin automatic inflation: UML
- MK5, 2 x 60g CO<sub>2</sub> Cylinders
- Unique bladder shape lifts and supports body higher when in water
- Pylon lifejacket light SOLAS approved life jacket light included
- Sprayhood can be fitted
- Floating buddy line
- Window pocket for ID/asset tracking
- AIS ready
- Attachment for chest pack



Code	Description
LIF8323	Spinlock DURO SOLAS+ 275N

COMMERCIAL

## SPINLOCK DURO SOLAS 275N

DURO SOLAS 275N lifejacket has been engineered for demanding use and conditions with a new heavy-duty, durable outer cover. An improved buckle system ensures easy donning, ultimate comfort and fit.

### FEATURES

- 275N (62lbs) buoyancy twin chamber lifejacket
- Structured shape and body
- Single belt adjustment
- Single crotch strap
- Compatible with most fall-arrest harness models
- Twin automatic inflation: UML
- MK5, 2 x 60g CO<sub>2</sub> cylinders
- Unique bladder shape lifts and supports body higher when in water
- Pylon lifejacket light SOLAS approved life jacket light included
- Sprayhood can be fitted
- Floating buddy line
- Window pocket for ID/asset tracking
- AIS ready
- Attachment for chest pack



Code	Description
LIF8306	Spinlock DURO SOLAS 275N
LIF8307	Spinlock DURO SOLAS 275N (with spray hood)

COMMERCIAL

## SPINLOCK DURO+ 275N

The DURO+ offers commercial marine users the ultimate in comfort and fit in a lifejacket harness.

### FEATURES

- Designed to withstand the demands of tough environments
- Extra durable cover materials for a long life
- Low profile, compact design
- Chest and back adjustment for easy fit every time
- Single crotch strap
- Cover window for CO<sub>2</sub> cylinder & firing head visual status
- ID and asset tracking pocket
- AIS ready
- Attachment point for optional sprayhood & lifejacket light
- Attachment point for chest pack



Code	Colour	Description
LIF8302	Black	Spinlock DURO+ 275N

COMMERCIAL

## SPINLOCK DURO 275N & 170N

The DURO is a compact everyday work lifejacket, simple to don and designed to fit ergonomically, sitting high on the torso and cut high on the chest for full freedom of movement.

Suitable option for all industrial users including SAR, fishing, construction, canal and barge, tug and work boat.

### FEATURES

- Extra durable cover materials for a long life
- Lightweight, low profile, compact design with easy side donning
- Straps with soft rear moulding reduces twisting and aids adjustment
- Single crotch strap
- Clipping area for PLB / VHF
- Clear pocket for identification card
- Boat name/branded printing available
- AIS ready
- Attachment point for optional sprayhood & chest pack
- Attachment for kill cord or VHF leash



Code	Colour	Description
LIF8325	Black	Spinlock DURO 275N
LIF8328	Orange	Spinlock DURO 275N
LIF8327	Black	Spinlock DURO 170N

COMMERCIAL

## MULLION COMPACT SUPREME 150

The Compact Supreme 150 heavy duty wipe-clean lifejacket is ideal for heavy commercial fishing application especially for potters, crabbers, lobster fishermen and also suitable for construction workers.

### FEATURES

- High abrasion resistance fabric with additional Tektor fabric
- Durable wipe-clean PVC reinforcement
- Comfort collar padding
- Mesh back
- Quick release buckle
- Crotch strap
- Operational indicator window
- Service date information window
- ISO 12402-3 approved
- AIS ready



Code	Description
LIF1342	Mullion Compact Supreme 150
LIF1343	Mullion Compact Supreme 150 (with PLB strap)

COMMERCIAL

## MULLION HI-RISE SOLAS 275

Ultrafit horseshoe design 275N double chamber inflatable life jacket. Ideal for offshore use with foul weather clothing and heavy equipment.

### FEATURES

- Contoured bladder for snug secure fit
- Stylized horseshoe design with offset shoulder straps to alleviate weight and pressure stress on neck and shoulders
- Durable waterproof fabric
- Double shoulder straps
- Zip fastening cover
- Stainless steel interlocking belt buckles
- Adjustable waist belt
- Crotch strap
- Double chamber
- 2 x 60g CO<sub>2</sub> cylinders
- Automatic water-activated SOLAS S.O.S. light
- 2 x Inflation systems
- Marine grade whistle
- Buddy line
- AIS ready



Code	Description
LIF1313	Mullion Hi-Rise SOLAS 275 - Wipe clean
LIF1305	Mullion Hi-Rise 275 SOLAS Regular
LIF1311	Mullion Hi-Rise 275 SOLAS Ultrafit & Fall Arrest Harness



COMMERCIAL

## MULLION HI-TIDE 150 - ULTRAFIT

Ultrafit horseshoe design 150N single chamber inflatable life jacket. Ideal for heavy duty industrial use with foul weather clothing.

### FEATURES

- Durable waterproof fabric
- Durable wipe clean PVC reinforcement
- Double shoulder straps
- Stainless steel interlocking belt buckles
- Adjustable waist belt
- Crotch strap
- Integrated deck safety harness approved to ISO12401
- SOLAS approved retro-reflective tape on bladder
- Marine grade whistle
- AIS ready



Code	Description
LIF1334	Mullion Hi-Tide 150 - Ultrafit

COMMERCIAL

## MULLION HI-TIDE 275 WIPE CLEAN - ULTRAFIT

Ultrafit horseshoe design 275N single chamber inflatable life jacket. Ideal for heavy duty industrial use with foul weather clothing and heavy equipment.

### FEATURES

- Durable waterproof fabric
- Durable wipe-clean PVC reinforcement
- Double shoulder straps for comfort and reduction of weight to back of neck
- Zip fastening cover
- Stainless steel interlocking belt buckles
- Adjustable waist belt
- Crotch strap
- Integrated deck safety harness approved to ISO12401
- Single chamber
- Oral inflation tube
- SOLAS-approved retro-reflective tape on bladder
- Red recovery grab strap on bladder marked 'LIFT'
- 60g CO<sub>2</sub> cylinder
- Marine grade whistle
- AIS ready



Code	Description
LIF1375	Mullion Hi-Tide 275 Wipe Clean - Ultrafit

COMMERCIAL

## MULLION STREAM 150

The Mullion Stream 150N lifejacket is a constant wear, all-weather lifejacket for general use with foul weather clothing.

The Stream 150N is a contoured horseshoe design with a touch and close fastening cover and a single back strap.

### FEATURES

- Durable waterproof fabric
- Touch and close fastening cover
- Stainless steel interlocking belt buckles
- Adjustable waist belt
- Crotch strap
- Service date information tag on the belt
- Integrated deck safety harness approved to ISO1240
- 33g CO<sub>2</sub> cylinder
- Marine grade whistle
- AIS ready



Code	Colour	Description
LIF1600	Red	Mullion Stream 150
LIF1602	Blue	Mullion Stream 150

COMMERCIAL

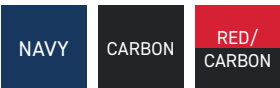


OCEAN SAFETY  
SPORT 170N ADV

The Ocean Safety Sport ADV is an essential piece of safety equipment for a multitude of water-based activities. A lightweight and compact lifejacket, which offers an exceptionally high level of comfort and innovative features. Available in both automatic and manual configurations.

FEATURES

- Scoop neck design
- Twin kill cord loops
- Single crotch strap
- Side adjustment for bespoke fit
- Soft loop harness point (harness version only)
- Aquaspec AQ40 lifejacket light
- Sprayhood
- 'Wave barrier' technology helps keep airways clear
- ISO 12402-3 (150N approved)
- AIS ready



Code	Colour	Description
LIF7350	Carbon	Ocean Safety Sport ADV - Manual
LIF7352	Carbon	Ocean Safety Sport ADV - Manual + Harness
LIF7351	Carbon	Ocean Safety Sport ADV - Automatic
LIF7353	Carbon	Ocean Safety Sport ADV - Automatic + Harness
LIF7355	Navy	Ocean Safety Sport ADV - Automatic
LIF7357	Navy	Ocean Safety Sport ADV - Automatic + Harness
LIF7359	Red + Carbon	Ocean Safety Sport ADV - Automatic
LIF7361	Red + Carbon	Ocean Safety Sport ADV - Automatic + Harness
LIF2880	-	Re-Arming Kit

LEISURE

OCEAN SAFETY  
SPORT PRO 170N ADV

The Ocean Safety Sport Pro ADV is an essential piece of safety equipment for a multitude of water-based activities including offshore sailing. A highly specced lifejacket which has been designed to offer safety and comfort for the most demanding conditions.

FEATURES

- Scoop neck design
- Twin kill cord loops
- Single crotch strap
- Side adjustment for bespoke fit
- Soft loop harness point (harness version only)
- Aquaspec AQ40 lifejacket light
- Sprayhood
- Pro sensor with indicator window
- Storage pocket
- Single bladder with 33g cylinder
- 'Wave barrier' technology helps keep airways clear
- ISO 12402-2 (275N approved)
- AIS ready



Code	Colour	Description
LIF7311	Carbon/ Red	Ocean Safety Sport Pro 170N ADV - Automatic + Harness
LIF7313	Carbon/ Sky Blue	Ocean Safety Sport Pro 170N ADV - Automatic + Harness
LIF7315	Sky Blue	Ocean Safety Sport Pro 170N ADV - Automatic + Harness
LIF2851	-	Re-Arming Kit

LEISURE

OCEAN SAFETY  
SPORT 170N

The Ocean Safety Sport is an essential piece of safety equipment for a multitude of water-based activities.

A lightweight and compact lifejacket, which offers an exceptionally high level of comfort. Available in both automatic and manual configurations.

FEATURES

- Scoop neck design
- Single crotch strap
- Side adjustment for bespoke fit
- Soft loop harness point for safety harness (harness version only)
- ISO 12402-3 (150N approved)
- AIS ready



Code	Colour	Description
LIF7330	Carbon	Ocean Safety Sport 170N - Manual
LIF7332	Carbon	Ocean Safety Sport 170N - Manual & Harness
LIF7331	Carbon	Ocean Safety Sport 170N - Auto
LIF7333	Carbon	Ocean Safety Sport 170N - Auto & Harness
LIF7335	Navy	Ocean Safety Sport 170N - Auto
LIF7337	Navy	Ocean Safety Sport 170N - Auto & Harness
LIF7339	Red & Carbon	Ocean Safety Sport 170N - Auto
LIF7341	Red & Carbon	Ocean Safety Sport 170N - Auto & Harness
LIF2880	-	Re-Arming Kit

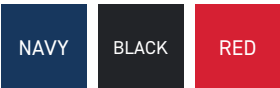
LEISURE

OCEAN SAFETY  
XF 170N

A versatile and lightweight lifejacket that is AIS ready, the Ocean Safety XF is ideal for coastal sailing & general watersports.

FEATURES

- Side adjustment for bespoke fit
- Tailored collar
- Single crotch strap
- Durable outer cover
- Stainless steel D-ring for safety harness (harness version only)
- ISO 12402-3 (150N approved)
- Optional hydrostatic firing mechanism available (LIF7582 only)
- AIS ready



Code	Colour	Description
LIF7570	Red	Ocean Safety XF 170N - Manual
LIF7574	Navy	Ocean Safety XF 170N - Manual
LIF7578	Black	Ocean Safety XF 170N - Manual
LIF7571	Red	Ocean Safety XF 170N - Auto
LIF7575	Navy	Ocean Safety XF 170N - Auto
LIF7579	Black	Ocean Safety XF 170N - Auto
LIF7572	Red	Ocean Safety XF 170N - Manual & Harness
LIF7576	Navy	Ocean Safety XF 170N - Manual & Harness
LIF7580	Black	Ocean Safety XF 170N - Manual & Harness
LIF7573	Red	Ocean Safety XF 170N - Auto & Harness
LIF7577	Navy	Ocean Safety XF 170N - Auto & Harness
LIF6581	Black	Ocean Safety XF 170N - Auto & Harness
LIF7582	Black	Ocean Safety XF 170N - Auto & Harness - Hammar
LIF2880	-	Re-Arming Kit

LEISURE



## OCEAN SAFETY COMMODORE 170N

The Ocean Safety Commodore lifejacket has been tailored using the very latest technology to produce a jacket that can be worn for long periods of continuous wear, achieving high performance in all conditions.

### FEATURES

- Neoprene comfort collar
- Low profile unrestricted design
- Quick burst YKK® zip
- Adjustable webbing strap
- Lifting becket
- Stainless steel D-ring with 2/3 bar closure (harness version only)
- Whistle
- ISO 12402-3 (150N) approved
- AIS ready



NAVY

Code	Colour	Description
LIF7700	Navy	Ocean Safety Commodore 170N - Auto
LIF7701	Navy	Ocean Safety Commodore 170N - Auto & Harness
LIF2880	-	Re-Arming Kit

LEISURE COMMERCIAL

## OCEAN SAFETY SPORT MIDI 170N

The Ocean Safety Sport Midi is ideal for children/ small adults between 25-60kg. Safety as always is key, and the Ocean Safety Sport Midi is no exception. The sculpted design offers a bespoke fit for the wearer, providing superior comfort and allowing complete freedom of movement when out on the water.

### FEATURES

- Scoop neck design
- Side adjustment
- Soft loop harness
- Durable outer cover
- Crotch strap
- ISO 12402-3 (150N) approved
- AIS ready



RED

Code	Colour	Description
LIF7329	Red	Ocean Safety Sport Midi 170N
LIF2880	-	Re-Arming Kit

LEISURE

## OCEAN SAFETY XF JUNIOR 150N

The Ocean Safety XF Junior lifejacket is ideal for children weighing 15-40kg, the lifejacket comes with an integrated crotch strap for extra safety, a contoured neck for additional comfort and in water support and an improved floatation angle in the water and height adjustment tunnels on the rear backstrap.

The XF Junior comes in automatic version only which means that the lifejacket will inflate on water entry but there is also a manual override handle in the unlikely case of an emergency.

### FEATURES

- Side adjustment for bespoke fit
- Stainless steel D-ring for safety harness
- Single crotch strap
- Durable outer cover
- Single back strap
- Contoured neck for additional comfort and in water support
- ISO 12402-3 (150N) approved
- AIS ready



RED

Code	Colour	Description
LIF7569	Red	Ocean Safety XF Junior 150N
LIF2875	-	Re-Arming Kit

LEISURE

## CHOO PRINT 100 LIFEJACKET

This children's lifejacket comes in two sizes options; 10-20kg and 20-30kg, whilst the unique design of hinged, foam collar offers superior comfort and support. Other features include a durable 300D PU coated polyester outer fabric, PVC foam front and back for inherent buoyancy and double crotch straps. The design of the belt offers improved adjustability and all sizes are further enhanced by a lifting handle.



### FEATURES

- ISO 12402-4 approved
- ISO Whistle and reflective tape

Code	Description
LIF1805	Lifejacket - Choo Print 100 - 2-4 years
LIF1806	Lifejacket - Choo Print 100 - 5-8 years

LEISURE

## CHOO 100 LIFEJACKET

A children's lifejacket which offers varying degrees of buoyancy dependent on the weight range, whilst the unique design of hinged, foam collar offers superior comfort and support. Other features include a durable 300D PU coated polyester outer fabric, PVC foam front and back for inherent buoyancy and double crotch straps. The design of the belt offers improved adjustability and fit and all sizes are further enhanced by a lifting handle.



### FEATURES

- ISO 12402-4 approved
- Whistle and reflective tapes
- Acetal Quickloop buckles

Code	Description
LIF1801	Lifejacket - Choo 100 - 1-3 years
LIF1802	Lifejacket - Choo 100 - 2-4 years
LIF1803	Lifejacket - Choo 100 - 5-8 years
LIF1804	Lifejacket - Choo 100 - 10-12 years

LEISURE

## ANGLING BUOYANCY JACKET 50N

Specialised fishing buoyancy jacket which is available in two sizes and offers 50N of buoyancy. The design of the jacket offers superior comfort due to the incorporation of extra soft PVC foam at the front and PE foam at the back, alongside the soft mesh inner collar. Constructed from durable ripstop polyester, the jacket can be further adjusted via the two front buckles and side adjustment straps. The jacket features various storage pockets, with water outlet holes, whilst its removable double crotch straps and integrated whistle further enhances the safety qualities of this jacket.



### FEATURES

- ISO 12402-5 approved
- Whistle
- Acetal Quickloop buckles

Code	Description
LIF1850	Angling Buoyancy Jacket 50N
LIF1851	Angling Buoyancy Jacket 50N

LEISURE

## DOG BUOYANCY AID

Bespoke buoyancy aid for dogs which is available in four different size options, dependent on variation of neck sizes. Constructed from bright orange durable PU coated nylon, the jacket's buoyancy is provided via PE foam. The jacket is fastened and adjusted via Acetal Quickloop buckles. Additional features include a handy 'haul out' handle and a lead loop attachment point.

### FEATURES

- Haul-out handle
- Lead loop attachment point

Code	Description
LIF1870	Dog Buoyancy Aid - S
LIF1871	Dog Buoyancy Aid - M
LIF1872	Dog Buoyancy Aid - L
LIF1873	Dog Buoyancy Aid - XL



LEISURE

## SPINLOCK PRO-TECH HEAVY DUTY COVER

Heavy duty coated polyester cover for Spinlock lifejackets, for use in dirty work operations like painting / jet washing, provides a resistant barrier where contaminants such as paint, oils and chemicals which can quickly damage a lifejacket. The cover provides some protection against sharps which can compromise a lifejacket bladders.



Code	Description
LIF8326	Spinlock Pro-Tech Heavy Duty Cover

## HAMMAR LIFEJACKET INFLATOR



Code	Description
LIF3046	Hammar Inflator A1 Back Assembly
LIF3094	Hammar MA1EC Manual / Auto Head
LIF3205	33g NTG Cylinder
LIF3210	60g NTG Cylinder

## CO<sub>2</sub> CYLINDER

Supplier of gas cylinder only.



Code	Description
LIF3005	CO <sub>2</sub> Cylinder - 18g
LIF3010	CO <sub>2</sub> Cylinder - 24g
LIF3020	CO <sub>2</sub> Cylinder - 33g
LIF3025	CO <sub>2</sub> Cylinder - 38g
LIF3035	CO <sub>2</sub> Cylinder - 60g

## SPINLOCK PACKS

Chest Pack fits into the space created when wearing your Spinlock lifejacket. Belt and Side Packs fit to chest and waist belts.



Code	Description
LIF8330	Spinlock Chest Pack
LIF8332	Spinlock Side Pack
LIF8334	Spinlock Belt Pack

## SPINLOCK TOOL PACK

Heavy duty soft tool bucket for carrying large items aloft.



Code	Description
LIF8336	Spinlock Tool Pack

## OCEAN SAFETY UNIVERSAL SPRAYHOOD

The Ocean Safety Universal Sprayhood's compact and lightweight pouch is designed to be attached to the side of the lifejacket webbing strap. This easy to fit universal sprayhood aims to prevent spray inhalation and is designed to fit all Ocean Safety lifejackets.

### FEATURES

- Elasticated for secure fit to lifejacket bladder
- Reduces spray inhalation
- Increases wearer visibility
- Meets ISO 12402-8 standard



Code	Description
LIF0472	Ocean Safety Universal Sprayhood

## UNITED MOULDERS RE-ARMING KITS

### Automatic

The United Moulders (UM) lifejacket inflator uses a screw on cartridge and activates when it comes into contact with water. The automatic system is backed up by a manual override, which allows the user to pull the toggle and inflate the lifejacket.

### Manual

The United Moulders manual system is activated by the user as required by pulling the toggle to inflate the lifejacket.



Code	Description
LIF2875	United Moulders Re-Arming Kits - Automatic - 24g
LIF2880	United Moulders Re-Arming Kits - Automatic - 33g
LIF2885	United Moulders Re-Arming Kits - Automatic - 38g
LIF2795	United Moulders Re-Arming Kits - Manual - 24g
LIF2800	United Moulders Re-Arming Kits - Manual - 33g
LIF2805	United Moulders Re-Arming Kits - Manual - 38g
LIF2851	United Moulders Re-Arming Kits - Elite - 33g
LIF2852	United Moulders Re-Arming Kits - Elite - 60g

## UNITED MOULDERS SPARES

The United Moulders (UM) lifejacket inflator uses a screw on cartridge and activates when it comes into contact with water. The cartridge mechanism has a compressed high powered spring which is held by a paper element. When the paper element dissolves it releases the spring which allows the firing mechanism to puncture the CO2 cylinder, the CO2 then travels through the manifold and inflates the lifejacket. The automatic system is backed up by a manual override, which allows the user to pull the toggle and inflate the lifejacket.



Gas cylinder	Auto code	Manual code
UM 18g	LIF2870	-
UM 24g	LIF2875	LIF2795
UM 33g	LIF2880	LIF2800
UM 38g	LIF2885	LIF2805
UM 60g	LIF2890	LIF2810

## HALKEY ROBERTS RE-ARMING KITS

### Automatic

The Halkey Roberts automatic system activates when in contact with water. The automatic system is backed up by a manual override pull cord, which allows the user to pull the toggle and inflate the lifejacket.

### Manual

The Halkey Roberts manual system is activated by the user as required by pulling the toggle to inflate the lifejacket.



Code	Description
LIF2845	Halkey Roberts Re-Arming Kits - Automatic - 24g
LIF2850	Halkey Roberts Re-Arming Kits - Automatic - 33g
LIF2855	Halkey Roberts Re-Arming Kits - Automatic - 38g
LIF2795	Halkey Roberts Re-Arming Kits - Manual - 24g
LIF2800	Halkey Roberts Re-Arming Kits - Manual - 33g
LIF2805	Halkey Roberts Re-Arming Kits - Manual - 38g

## HALKEY ROBERTS SPARES

The Halkey Roberts automatic system activates when an HR bobbin is in contact with water. The bobbin dissolves and allows the firing mechanism to puncture the CO2 cylinder, the CO2 then travels through the manifold and inflates the lifejacket. The automatic system is backed up by a manual override pull cord, which allows the user to pull the toggle and inflate the lifejacket.



Gas cylinder	Auto code	Manual code
HR 18g	LIF2840	-
HR 24g	LIF2845	LIF2795
HR 33g	LIF2850	LIF2800
HR 38g	LIF2855	LIF2805
HR 60g	LIF2860	LIF2810



## UTILITY POUCH

The utility pouches are designed to be fitted to a lifejacket or belt and are the perfect size to carry a PLB, handheld VHF or mini signal flare kit.

Made from marine odyssey UV fabric and high quality webbing, the utility pouch is light weight and incredibly hard wearing.



Code	Description
LIF7110	Utility Pouch - Red/Black
LIF7100	Utility Pouch - Black

## CROTCH STRAP

Can be retrofitted to Ocean Safety lifejacket range.



Code	Description
LIF0470	Crotch Strap - Universal
LIF0485	Crotch Strap - Commodore & Sport Pro
LIF8415	Crotch Strap - SOLAS Challenger

## OCEAN ADV SAFETY LINE

Premium aluminium robust safety hook with safety bar, super fast single action opening and closing with 23mm polyester flexible tethers incorporating retro-reflective thread to increase visibility. Available as a 2 or 3 hook option.

All Ocean Safety safety lines are CE approved, ISO 12401 certified, strain indicator and are supplied in a mesh bag. The line is designed to be securely attached to a correctly worn safety harness or lifejacket (with integrated harness) and to a suitable strong point on the vessel.



Code	Description
HAR0014	Ocean ADV Safety Line - 2 hook
HAR0016	Ocean ADV Safety Line - 3 hook

## OCEAN SAFETY LINE

Safety lines are an important piece of marine safety equipment and are intended to provide reasonable assurance that the wearer will remain attached to a vessel under normal loading.

The line is designed to be securely attached to a correctly worn safety harness or lifejacket (with integrated harness) and to a suitable strong point on the vessel.

Automatic closing stainless steel hook(s) and 23mm polyester flexible tethers incorporating retro-reflective thread to increase visibility. All Ocean Safety safety lines are CE approved, ISO 12401 certified, strain indicator and are supplied in a mesh bag.



Code	Description
HAR0010	Ocean Safety Line - 2 hook
HAR0012	Ocean Safety Line - 3 hook

## OCEAN SAFETY CRUISING HARNESS

Ocean Safety Cruising Harness which comes complete with attached line and packaged in a water resistant plastic bottle.



Code	Description
HAR0115	Ocean Safety Cruising Harness - Adult

## AQUASPEC AQ40 LIFEJACKET LIGHT

The AQ40 is a unique flashing lifejacket light, automatically water activated by the sensor lead or manually at the touch of a button. Its unique size and shape, combined with ease of attachment, has made the AQ40 ideal for fitment to an inflatable lifejacket, suitable for both leisure and commercial applications.

### FEATURES

- Powerful white flashing LED dome light
- With sensor lead
- Manual and automatic water activation
- Functional and simple design
- Fixing clip designed for easy attachment
- Compact design
- Maintenance free five year battery life
- Tamper-proof

### TECHNICAL

- Colour: White LED
- Activation: Water auto / manual
- Dimensions: 50mm (h) x 22mm (w) x 31mm (d)
- Weight: 39g
- Battery Type: Lithium
- Output: Minimum 2.5cd light
- Duration: Minimum 40hrs light
- Storage life: 5 years from date of manufacture
- Approvals: SOLAS (LSA Code), IMO Res MSC 81(70), ISO24408



Code	Description
LIF2075	AQ40L (Lead) Lifejacket Light (packed)
LIF2065	AQ40L (Lead) Lifejacket Light (not packed)
LIF2077	AQ40S (Sensor) Lifejacket Light (packed)
LIF2070	AQ40S (Sensor) Lifejacket Light (not packed)



## AQUASPEC AQ8A LIFEJACKET LIGHT

The AQ8A lifejacket light is an alkaline battery powered emergency light designed to be installed on any type of lifejacket. It is automatically activated upon contact with water, features a manual switch, and is suitable for both leisure and commercial applications.

### FEATURES

- Powerful, white flashing LED dome light
- Compact design
- Fire resistant, oil resistant, mould proof, corrosion-proof and waterproof

### TECHNICAL

- Colour: White LED
- Activation: Water auto / manual
- Dimensions: 62mm (h) x 25.4mm (w) x 23.5mm (d)
- Weight: 38g (including buckle)
- Battery Type: Alkaline
- Approvals: SOLAS (LSA Code), IMO Res MSC 81(70), ISO24408



Code	Description
LIF2074	AQ8A Alkaline Lifejacket Light (packed)
LIF2072	AQ8A Alkaline Lifejacket Light (not packed)

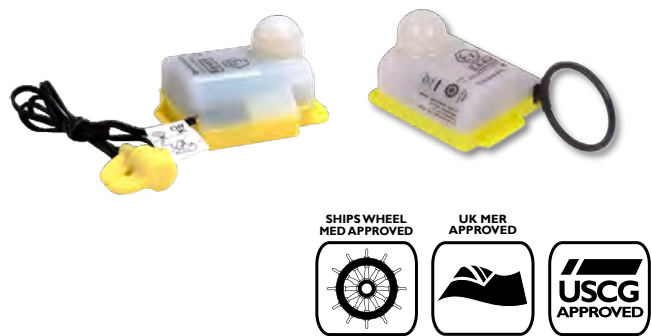




### DANIAMANT L6-EX AND L6A-EX

The L6-Ex is a small, compact and robust flashing manually activated light, which fully meets the latest stringent IMO SOLAS requirements. It is operated by a simple pull ring that is easy to use even with gloved hands or in adverse conditions.

The L6A-Ex is an automatically activated light, and uses a lead to ensure the light comes on in the water and allows the light to be manually switched off if required. Both are Transport Canada approved.



Code	Description
LIF2115	L6-Ex Lifejacket Light
LIF2118	L6A-Ex Lifejacket Light

### DANIAMANT W3 & WR3 LIFEJACKET LIGHT

This lithium lifejacket light has a special fitting clip design for attachment to a lifejacket so that only ultra-low profile dome is above the fabric on the jacket. The light is specifically designed for lifejackets used on the passenger vessels with evacuation or chute systems for mass evacuation of passengers. Daniamant WR3 is the recessed version of the Daniamant W3. Transport Canada approved.



Code	Description
LIF2200	Daniamant W3 Automatic
LIF2202	Daniamant WR3 Automatic (recessed)
LIF2205	Daniamant M3 Manual

### DANIAMANT ALKALINE W4-A LIFEJACKET LIGHT

The alkaline range meets all the testing requirements of SOLAS and MED. This low-profile light is a single compact flashing unit. It is manually or water-activated. The light is emitted through an ultra low profile dome, making the light less susceptible to damage during evacuation. Transport Canada approved.



Code	Description
LIF2085	Daniamant W4-A Belt Clip

### APOLLO OS - W3 AUTOMATIC LIFEJACKET LIGHT

This low profile light is a simple compact flashing unit. It is manually activated by pressing the switch on the front of the light, and also the light activates automatically when in water and can be turned off manually if required.

The light is emitted through an ultra low profile dome, making the light less susceptible to damage during evacuation. Supplied with a tamper proof clip.



Code	Description
LIF2080	OS - W3 Light

## OCEAN SAFETY VANGUARD 450 SOLAS RESCUE RIB

The Ocean Safety Vanguard SOLAS 450 Rescue Rib is a robust, lightweight and high-capacity semi-rigid compact boat, designed, built and tested under the latest standards.

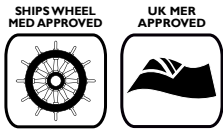
### FEATURES

- Tube has five independent air compartments with safety relief valves to release excess pressure
- Non-submersible hull with radar reflector, anti-spill tank
- Exceptionally light aluminium allows a 10% reduction in hull weight compared to most competitors
- Fire resistant structure
- A robust structure of girders and flooring provide optimum strength for impacts with submerged objects and make repairs easier
- Ample space inside and easy handling and steering, as well as simple maintenance and servicing

Code	Description
RIB2501	Ocean Safety Vanguard 450 SOLAS Rescue RIB

### OPTIONAL EQUIPMENT

Code	Description
RIB2510	Ocean Safety SOLAS Equipment Pack
RIB2505	Equipment Kit for Vanguard Rescue Boat
RIB2513	SOLAS Release Hook
RIB2507	Boat Cover



COMMERCIAL



## OCEAN SAFETY VANGUARD SUPERYACHT SOLAS RESCUE RIB

The SOLAS compliant superyacht tender is a robust, lightweight and high-capacity semi-rigid compact boat, designed, built and tested under the latest standards. The hull is manufactured with a closed cell foam core to ensure it is lightweight and fast while providing excellent stability and low fuel consumption.

Code	Description
RIB2525	Ocean Safety Vanguard SOLAS Rescue RIB

### OPTIONAL EQUIPMENT

Code	Description
RIB2513	SOLAS Release Hook 2500kg
MED0330	Saviour Technical Rescue Stretcher
RIB9510	11" Prop Guard Orange
RIB9520	13" Prop Guard Blue



COMMERCIAL



### SOLAS EQUIPMENT

- Battery 12V 19Ah
- Battery charger
- Non-spill Fuel tank 45L
- Manual searchlight 12V 30W
- Four leg sling (SWL 900kg)
- Boarding ladder
- Compass with light
- Fire extinguisher 2kg
- First aid kit
- Flashing light and lamp and battery spares
- Position indicating light and battery
- Floating bailer
- Floating knife
- Release mechanism
- Radar reflector
- Two rescue quoits (30m line)
- Boat hook
- Sea anchor (10m line)
- Sponges
- Thermal protective aids
- Towing line (50m)
- Whistle

## PROP GUARDS

The prop guard is a two-piece plastic injection moulded cage, specifically made to protect against dangerous propeller accidents as well as providing added thrust for better vessel handling and control.

Code	Description	Colour
RIB9500	Prop Guard 9" (4-14hp)	Yellow
RIB9510	Prop Guard 11" (20-30hp)	Orange
RIB9520	Prop Guard 13" (40-50hp)	Blue
RIB9530	Prop Guard 14" (70-100hp)	White/Red
RIB9540	Prop Guard 16" (110-350hp)	Black

COMMERCIAL





JON BUOY RECOVERY MODULE MK 6 (JBRM6)

The JBRM6 is a full man overboard solution enabling deployment of a device that can locate, support and recover a MOB and is accepted as a direct replacement for one traditional danbuoy, horseshoe, drogue, light and whistle, specified within the World Sailing Offshore Special Regulations, where two would normally be required.

To launch the JBRM6, a single latch provides a quick and intuitive release into the water. An optional remote release model is available allowing deployment from a helm position, navigation station or other chosen location.

When operated, the JBRM6 deploys directly from the container, inflating automatically, immediately providing a high visibility safe haven. This supports the casualty comfortably out of the water, reducing the risk of hypothermia whilst awaiting recovery. The MOB is recovered horizontally, particularly important with a possibly hypothermic casualty and reducing the chance of complications or cardiac arrest during recovery.

FEATURES

- Single action deployment
  - Compact & lightweight
  - Aesthetic slimline container
  - Container available in white or black
  - Automatic inflation
  - Tailored buoyancy design
  - SOLAS automatic light
  - Intuitive boarding assistance
- Integrated water stability system
  - Lifting harness
  - SWL of 200kg
  - Retro-reflective binding
  - 15m throwing quoit & line
  - AIS attachment point
  - 2 year service intervals

Code	Colour	Description
JON1040	White case	Jon Buoy Recovery Module MK 6
JON1050	Black case	Jon Buoy Recovery Module MK 6



JON BUOY RECOVERY MODULE MK 5

For more information on the Jon Buoy Recovery Module MK5, please visit our website.

Code	Colour	Description	Code	Colour	Description
JON1105	White case	Jon Buoy Recovery Module MK5 Rail mount	JON1120	White case	Jon Buoy Recovery Module MK5 Bulkhead mount
JON1115	Black case	Jon Buoy Recovery Module MK5 Rail mount	JON1125	Black case	Jon Buoy Recovery Module MK5 Bulkhead mount

LEISURE

RECOVERY MODULE RELEASE SYSTEM

Integrated release system for the Jon Buoy Recovery Module.

Code	Description
JON1250	Recovery Module Release System - Module Release Pack
JON1350	Recovery Module Release System - Module Switch Pack
JON1355	Recovery Module Release System - Release Spares Pack
LIF3000	Recovery Module Release System - Spare 8G Cylinder



LEISURE

JON BUOY DANBUOY & HORSESHOE COMBINATION

The combination of the danbuoy and horseshoe conforms to the World Offshore Sailing Regulations and is a natural extension to the original inflatable Jon Buoy Danbuoy. This easy-to-fit solution comes with high-impact casing, rail-mounting cradle, inflatable danbuoy, inflatable horseshoe, whistle and danbuoy light. The Horseshoe and Danbuoy are tethered together with a 2m line.

FEATURES

- Meets requirements of World Sailing Offshore Special Regulations
- Quick and easy to use
- Highly visible
- Lightweight
- Automatic inflation
- 33g cylinder for the danbuoy
- 38g cylinder for the horseshoe
- Automatic danbuoy light
- Optional light for the inflatable horseshoe
- White or carbon style hard cases

Code	Colour	Description
JON2225	White case	Jon Buoy Danbuoy & Horseshoe Combination
JON2275	Black case	Jon Buoy Danbuoy & Horseshoe Combination

LEISURE

JON BUOY DANBUOY

The inflatable Jon Buoy Danbuoy is stylish, compact and weighs only 3.9kg. It can be mounted on the pushpit and is easily deployed in an emergency. In the event of a man overboard, simply unclip the unit from its mounting bracket and throw; the Danbuoy then automatically inflates. It replaces the traditional Danbuoy and is also fitted with a light and whistle.

FEATURES

- Compact
  - Quick and easy to use
  - Highly visible
  - Easily replaced
  - Lightweight
  - Automatic inflation
- 33g cylinder
  - Automatic light
  - Whistle
  - White or carbon style hard cases

Code	Colour	Description
JON2025	White case	Jon Buoy Danbuoy
JON2075	Black case	Jon Buoy Danbuoy

LEISURE





JON BUOY HORSESHOE

The Jon Buoy Inflatable Horseshoe is a direct replacement for the traditional horseshoe lifebuoys. The compact unit comes fitted with an oral tube retro-reflective tape, whistle and an automatic inflation system as standard.

An automatic light is an optional extra that can be fitted to the horseshoe. The weight of the pouch allows for an accurate throw to the casualty.

FEATURES

- Automatic inflation
- Retro-reflective tape
- Quick and easy to deploy
- Highly visible
- Light weight
- Clear printed instructions
- Re-packable
- Soft case - 2 years service period
- Available as soft or hard case
- Hard casing in white or carbon style

Code	Colour	Description
JON3225	White hard case	Jon Buoy Horseshoe
JON3275	Black hard case	Jon Buoy Horseshoe
JON3250	Soft case	Jon Buoy Horseshoe

LEISURE

JON BUOY INFLATABLE RESCUE SLING

The Jon Buoy Inflatable Rescue Sling is specifically designed for the quick and easy recovery of a waterborne casualty. Packed neatly into an easily stowable soft or hard case, the versatile fitting allows it to be packed into any suitable boat or land-based fixture. The weight of the pouch allows for an accurate throw to the casualty of up to 36 metres. Upon contact with the water, the sling automatically inflates. An automatic light is an optional extra that can be fitted.

FEATURES

- Automatic inflation
- Optional light
- Retro-reflective tape
- Quick and easy to deploy
- SWL 175kg
- 36m floating line
- Soft case - 2 years service period
- Available with soft or hard case

Code	Colour	Description
JON3050	White hard case	Jon Buoy Inflatable Rescue Sling
JON3090	Soft case	Jon Buoy Inflatable Rescue Sling

LEISURE



OCEAN SAFETY DANBUOYS

A Danbuoy is a piece of safety equipment designed to provide an approximate location during a man overboard situation.

Ocean Safety Offshore Danbuoy

The Offshore Danbuoy is telescopic and comes with a lightweight high visibility flag, and 3m of floating rope. Complies with RORC regulations when fully extended.

- Available with or without light
- Stowed length: 1.2m
- Extended length: 3.25m

Ocean Safety Coastal Danbuoy

The Coastal Danbuoy is telescopic and comes with a lightweight high visibility flag, 3m of floating rope and a highly visible colour scheme.

- Stowed length: 1.52m
- Extended length: 2.93m

Ocean Safety Inshore Danbuoy

The Inshore Danbuoy comes with a lightweight high visibility flag, 3m of floating rope and a highly visible colour scheme.

- Full length: 2.15m

Code	Description
LBU0350	Ocean Safety Danbuoy - Inshore
LBU0355	Ocean Safety Danbuoy - Coastal
LBU0360	Ocean Safety Danbuoy - Offshore (with light)
LBU0357	Ocean Safety Danbuoy - Offshore (without light)
LBU0375	Danbuoy Bracket
LBU1030	Stainless Steel Danbuoy Holder

HANDY BILLY

The Handy Billy allows an easier recovery with the following essential features:

- 6:1 lifting ratio for quick recovery
- Quality Harken blocks
- Integral cleat
- Large carabiner

Code	Description
SAF0950	Handy Billy

LEISURE



## OCEAN SAFETY HORSESHOE

These super soft traditional horseshoe lifebuoys have been designed for long term durability and high flexibility to ensure that they are suitable for all crew members.

All horseshoes come with a 195cm (6mm diameter) floating safety line and are available in yellow or white. The lifebuoy sets include a substantial rail mounting bracket and a choice of lifebuoy lights.

Code	Colour	Description
LBU0135	Yellow	Ocean Safety Horseshoe - no light fitted
LBU0136	White	Ocean Safety Horseshoe - no light fitted
LBU0112	Yellow	Ocean Safety Horseshoe - Aquaspec AQLBA
LBU0113	White	Ocean Safety Horseshoe - Aquaspec AQLBA
LBU0114	Yellow	Ocean Safety Horseshoe - Aquaspec AQLBL
LBU0115	White	Ocean Safety Horseshoe - Aquaspec AQLBL
LBU0139	-	Bracket only



LEISURE COMMERCIAL

## OCEAN SAFETY MOB LADDER

The Ocean Safety MOB Ladder is designed for use in a man over board situation. Easily operated from the water to allow a MOB to re-board their vessel unaided, whilst its rigid rungs offer increased stability.

The Ocean Safety MOB Ladder complies with the ISO 15085 standard and can be installed on vessels specified to carry this type of recovery product.

Available in 3m or 4m ladder lengths and fastened to the guard rail of the vessel.

### FEATURES

- Ergonomically designed
- Weighted rigid rungs
- Deployable from water with cord
- Easy to repack

### VALISE DIMENSIONS

- 3M ladder Bag: 310x250x55mm (approx. 1.5kg)
- Maximum load: 375kg
- 4m ladder Bag: 310x330x55mm (approx. 2kg)

Code	Description
SAF0180	Ocean Safety MOB Ladder - 3m
SAF0185	Ocean Safety MOB Ladder - 4m

LEISURE COMMERCIAL

## OCEAN SAFETY THROWING STROP

The Ocean Safety Throwing Strop is an innovative combination of a throwing line and lifting strop to allow any rescuer to both reach and recover a casualty with a single piece of equipment. The weight of the 36m line and padded lifting strop allows accurate deployment to the casualty.

### FEATURES

- Accurate deployment
- Padded lifting strop
- Comfortable wrist loop
- Easily repacked

Code	Description
SAF0018	Ocean Safety Throwing Strop

LEISURE COMMERCIAL



## OCEAN SAFETY MOB SLING

The Ocean Safety MOB Sling utilising a lifting strop with 36m of floating yellow line. Simple instructions are printed on both sides of the PVC bag to assist with its simple operation. The bag has been designed so that it can be easily fitted to guard rail.

### FEATURES

- 36m floating line
- Easy to mount
- Utilising a helicopter lifting strop
- Retro-reflective tape
- Separate webbing strop to attach to the vessel
- Long enough to go over an inflated lifejacket
- Safe working load: 200kg

Code	Colour	Description
LBU0147	Yellow case	Ocean Safety MOB Sling
LBU0145	White case	Ocean Safety MOB Sling

LEISURE COMMERCIAL



## OCEAN SAFETY THROW LINE

The Ocean Safety Throw Line is designed for use in rescue situations at sea or in any waterway. Allowing for increased accuracy in any under / over arm heaving line throw, this sock line package also provides a compact way to store the buoyant line on-board.

Available with or without a bracket and designed to allow easy repacking.

### FEATURES

- 36m version - World Sailing compliant
- Durable, high visibility cover
- Weighted to improve distance & accuracy
- 700kg breaking load
- Easy to repack

Code	Description
SAF0021	Ocean Safety Throw Line - 20m
SAF0023	Ocean Safety Throw Line - 36m
SAF0027	Throwing Line Bracket

LEISURE COMMERCIAL



## OCEAN SAFETY EMERGENCY LADDER

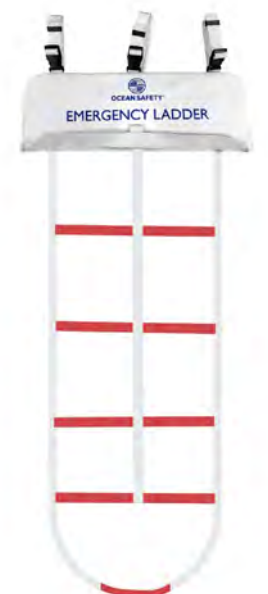
Designed for recovering a person who has fallen overboard, this simple to install ladder can be retro-fitted to yachts and is especially useful for shorthanded sailing, since it can be released by a person in the water.

### FEATURES

- Length 2.5m, 3.5m & 4.5m
- Complies with ISO 15085 Standard
- Maximum load 175kg
- Designed for recovering MOB casualties, especially those with short-handed crews easy to fasten to a toe or handrail
- Made from polyester webbing, packed into a compact white PVC bag
- Designed as a pull down ladder which can be reached from in the water
- Adjustable buckle fastening
- Integrated tab for line attachment for ISO 15085
- Fulfills the MCA Code of Practice requirements for MOB recovery equipment
- Valise dimensions: 470x260x40mm

Code	Description
SAF0125	Ocean Safety 2.5m Safety Ladder
SAF0135	Ocean Safety 3.5m Safety Ladder
SAF0145	Ocean Safety 4.5m Safety Ladder

LEISURE COMMERCIAL





## OCEAN SAFETY HELICOPTER LIFTING STROP

Ocean Safety Helicopter Lifting Strop constructed from high visibility, tough PVC which is compatible with an inflated lifejacket.

### FEATURES

- Retro-reflective tape
- Compatible with an inflated lifejacket
- High visibility outer cover
- Stainless steel D-rings
- Made from tough PVC
- Safe working load: 150kg



Code	Description
LBU0180	Ocean Safety Helicopter Lifting Strop

COMMERCIAL

## QUOIT & LINE

Quoit with 30m of line.



Code	Description
SUR0135	Quoit & Line

LEISURE COMMERCIAL

## RETRO-REFLECTIVE TAPE

MED / MER approved self adhesive tape. Available by the metre or a roll of 45m long (5cm wide).



Code	Description
OSS6078	Retro-reflective Tape - per metre
OSS6030	Retro-reflective Tape - 45m Roll

LEISURE COMMERCIAL

## SEA MARKER DYE

Neon green marine dye marker is used for daytime emergency distress signalling and search and rescue marking.



Code	Description
SUR0094	Sea Marker Dye

LEISURE COMMERCIAL

## OCEAN SAFETY PICK UP SAIL

This modern design has been constructed to allow fast and effective deployment when assisting a crew member who is either unconscious or too weak to pull themselves aboard. The Ocean Safety Pick Up Sail consists of a lifting strop, triangular sail cloth scoop and tensioning belt, allowing a casualty to be winched onboard to safety.

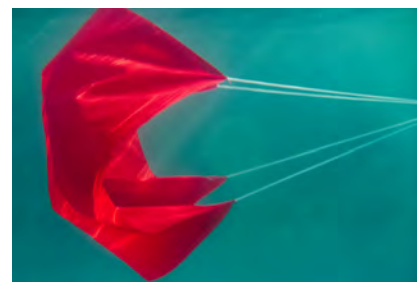


Code	Description
LBU0155	Ocean Safety Pick Up Sail

LEISURE COMMERCIAL

## LIFEBUOY DROGUE & POCKET

This drogue helps reduce downwind drifting and comes in a pocket for easy stowage and a lifebuoy attachment.



Code	Description
LBU0300	Lifebuoy Drogue & Pocket

LEISURE COMMERCIAL

## AQUASPEC AQLBA ALKALINE LIFEBUOY LIGHT

The AQLBA Lifebuoy Light is an alkaline battery powered man overboard emergency light to be installed with a lifebuoy. When the light enters the water, the head of the LED lamp will float upwards above water due to the gravity design. The light will automatically activate and output a flashing white light.

### FEATURES

- Powerful white flashing LED light
- Gravity sensor activates light
- Deactivates when LED lamp is downwards
- Functional, simple and compact design
- Fixing clip designed for easy installation
- Maintenance-free five year battery life
- Tamper-proof

Code	Description
LBU0298	Aquaspec AQLBA Alkaline Lifebuoy Light (packaged)
LBU0294	Aquaspec AQLBA Alkaline Lifebuoy Light

LEISURE COMMERCIAL



## AQUASPEC AQLBL LITHIUM LIFEBUOY LIGHT

The AQLBL Lifebuoy Light is a lithium battery powered man overboard emergency light to be installed with a lifebuoy. When the light enters the water, the head of LED lamp will float above water due to the gravity design and the water sensors will automatically activate the light.

### FEATURES

- Powerful white flashing LED light
- Gravity sensor floats LED lamp head
- Water sensors activate light
- Functional, simple and compact design
- Fixing clip designed for easy installation
- Maintenance-free five year battery life
- Tamper-proof

Code	Description
LBU0296	Aquaspec AQLBL Lithium Lifebuoy Light (packaged)
LBU0292	Aquaspec AQLBL Lithium Lifebuoy Light

LEISURE COMMERCIAL



## AQUASPEC AQLBLTX LIFEBUOY LIGHT

The AQLBLTX Lifebuoy Light is ATEX & IECEx certified, which means it is intrinsically safe for hazardous marine activity applications.

### FEATURES

- Powerful white flashing LED light
- Gravity sensor floats LED lamp head
- Water sensors activate light
- Functional, simple and compact design
- Fixing clip designed for easy installation
- Maintenance-free five year battery life
- Tamper proof

Code	Description
LBU0291	AQLBLTX Lifebuoy Light

COMMERCIAL



## DANIAMANT L160 LIFEBOUY LIGHT

Designed to deliver the 2cd output specification and 2 hour duration required by IMO SOLAS regulations , the L160 is fully approved to SOLAS/MED standards.

### FEATURES

- Five year life
- No maintenance or replacement batteries are required
- 76m drop height
- Exempt from Class 9 transport requirements
- Transport Canada approved

Code	Description
LBU0262	Daniamant L160 Lifebuoy Light
LBU0264	L16X Adapter Plate

LEISURE

COMMERCIAL



## DANIAMANT L161 INTRINSICALLY SAFE LIFEBOUY LIGHT

The L161 is fully approved to SOLAS/MED standards and also holds ATEX, IECEx, UK-Ex and ETL listing under UL913. It is intrinsically safe (category 1) and as such is suitable for use in hazardous zones 0, 1 and 2.

### FEATURES

- Five year life
- No maintenance or replacement batteries are required
- 76m drop height
- Exempt from Class 9 transport requirements
- Transport Canada approved

Code	Description
LBU0268	Daniamant L161 Intrinsically Safe Lifebuoy Light
LBU0264	L16X Adapter Plate

LEISURE

COMMERCIAL



## DANIAMANT L162 LIFEBOUY LIGHT

Designed to deliver the 2cd output specification and 2 hour duration required by IMO SOLAS regulations. The L162 is fully approved to USCG standard UL1196 and is SOLAS/MED approved.

### FEATURES

- Five year life
- No maintenance or replacement batteries are required
- 76m drop height
- Exempt from Class 9 transport requirements
- Transport Canada approved

Code	Description
LBU0269	Daniamant L162 Lifebuoy Light
LBU0264	L16X Adapter Plate

LEISURE

COMMERCIAL



## DANIAMANT L163 INTRINSICALLY SAFE LIFEBOUY LIGHT

The L163 is fully approved to USCG standard UL1196. In addition, it also holds ATEX, IECEx, UK-Ex and ETL listing under UL913 and is approved by SOLAS/MED.

### FEATURES

- ATEX/IECEx approved
- ETL listed
- Five year life
- No maintenance or replacement batteries are required
- Intrinsically safe, for use in ALL potentially explosive zones
- Exempt from Class 9 transport requirements
- Transport Canada approved

Code	Description
LBU0271	Daniamant L163 Intrinsically Safe Lifebuoy Light
LBU0264	L16X Adapter Plate

LEISURE

COMMERCIAL



## DANIAMANT L90 LED LIFEBOUY LIGHT

Uses LED technology making it safer for the environment, especially during disposal and can be freely imported and exported within the EU. No new brackets or fixings are required to replace the older models (L90) installed on vessels. Transport Canada approved.

Code	Description
LBU0274	Daniamant L90 LED Lifebuoy Light

LEISURE

COMMERCIAL



## DANIAMANT L170 LIFEBOUY LIGHT

The L170 is available in two versions, a commercial version and a version with a unique bracket, specially designed for mounting with leisure Lifebuoys. Both are fully SOLAS approved and differ only in the bracket supplied. Both brackets are designed for easy fitment.

### FEATURES

- Five year life
- No maintenance or replacement batteries are required
- 76m drop height
- Exempt from Class 9 transport requirements
- Transport Canada approved

Code	Description
LBU0265	Daniamant L170 Lifebuoy Light
LBU0277	Daniamant L170 Lifebuoy Light – Mounting Bracket

LEISURE

COMMERCIAL





## OCEAN SAFETY LIFEBOUY

Rugged construction traditional round lifebuoys, which is available in two sizes 30" (76.5cm) and 24" (57cm).

### FEATURES

- Made from hard cross linked polyethylene
- MED Ship's Wheel approved (30" only)
- Rugged design for all applications



Code	Description
LBU0050	Ocean Safety Lifebuoy - 30" 2.5kg Orange (Inc retro tape)
LBU0055	Ocean Safety Lifebuoy - 30" 4KG Orange (Inc retro tape)
LBU0060	Ocean Safety Lifebuoy - 24" (not MED & No Retro tape)
OSS0698	2" Black Letters/Numbers

COMMERCIAL

## OCEAN RESCUE LINE

Rescue line unit that fits inside 24" or 30" lifebuoy and contains 20m or 30m of line.



Code	Description
LBU0096	Ocean Rescue Line (20m of line)
LBU0094	Ocean Rescue Line (30m of line)

COMMERCIAL

## SOS400 LIFEBOUY HOUSING

Providing immediate access to lifesaving equipment.



Code	Description
LBU0070	Lifebuoy Housing with Doors
LBU0072	Fibreglass Legs and Feet
LBU0091	Railing Mounting Clamps (x4)
LBU0076	Sign Board
LBU0078	Signage Clamps (x4)

COMMERCIAL

## MATESAVER™

Man overboard rescue pole that facilitates easy recovery of casualties from an overboard situation even when unconscious.



Code	Description
LBU0420	Matesaver - 2.6m
LBU0425	Matesaver - 3.6m

COMMERCIAL

## LIFEBOUY HOUSING

High visibility lifebuoy housing with rail, wall or pole mounted options. Centre base provides stowage for up to 50m of line or an Ocean Rescue Line Unit.



Code	Description
LBU0088	30" Lifebuoy Housing
LBU0089	Option of door (for 30" housing)
LBU0090	24" Lifebuoy Housing
LBU0087	Option of Door (for 24" housing)
LBU0091	Cabinet Rail Mount brackets (x3)
LBU0092	Lifebuoy Cab Pole c/w Base Plate
LBU0093	Lifebuoy Cab Long Pole (no plate)

COMMERCIAL

## LIFEBOUY BRACKETS



Code	Description
LBU0067	Snatch Grip (pack of 3)
LBU0105	Lifebuoy Bracket - Triangle
LBU0068	Lifebuoy Stainless Steel Bracket

COMMERCIAL

## BUOYANT HEAVING LINE

Sold by the metre or as a 30m line with clip. This 8mm floating heaving line is suitable for lifebuoy and life ring attachments.



Code	Description
LBU0063	Orange 30m Floating Line (comes with clip)
LBU0065	Orange Floating Line Per Metre (no clip)

COMMERCIAL

## SB RESCUE SLING

The SB Rescue Sling is a complete man-overboard system that is designed for recovering a casualty without the rescuer having to enter the water. The unit can be easily used from a boat or a steep-sided canal / lake or where there is a distance recovery. It can be operated by one person and has an effective reach of up to 4.5m whilst weighing only 3kg.



Code	Description
LBU0430	SB Rescue Sling
LBU0432	SB Rescue Sling Harness
LBU0435	PVC Cover for SB Rescue Sling
LBU0436	Mounting Kit for SB Rescue Sling

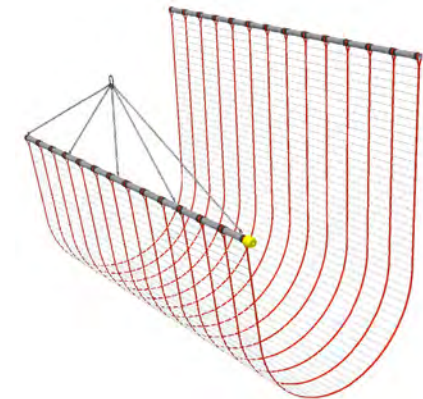
COMMERCIAL

## DACON RESCUE SCOOP

The Dacon Rescue Scoop is a powered rescue system for recovery of casualties from the water directly onboard larger rescue vessels, meets the relevant class and flag requirements for use on standby vessels.

### FEATURES

- Rescue reach of 3-6m
- Lightweight and flexible
- 5 year warranty
- Stows along railing or bulwark, or integrated in the cargo rail



Code	Description
Code on request	Dacon Rescue Scoop

COMMERCIAL

## DACON RESCUE BASKET

The Dacon Rescue Basket meets the UK00A, NMD and various classification societies for use onboard standby vessels.

### FEATURES

- Stable and effective method of recovery
- Perfect for mass rescue situations
- Rugged aluminium construction with soft padding
- Low floating position for easy entry
- Quick- folding lifting mast for convenient stowage



Code	Description
DAC3010	Dacon Rescue Basket

COMMERCIAL

## DACON RESCUE FRAME

The Dacon Rescue Frame consists of a number of parallel fibre glass bars connected by slotted webbing. The outer bar is equipped with flotation, a manoeuvring stick and hand-loops for easy grip. When deployed, the rescue frame hangs down the freeboard forming a cradle in the water. The casualty is positioned in the cradle and gently rolled onboard by lifting the grip bar or the retrieval lines. With the optional hydraulic drum and davit, recovery can be performed single-handed. Available for any freeboard height. The system stows in a minimum of space.

### FEATURES

- No mandatory service intervals
- Visual inspection by crew only
- Compact dimensions when stowed
- Standard FRC model: 180 x 20 x 20cm, 12kg
- 5 year warranty
- Production allows for any dimension required
- Standard models 180cm long for full horizontal body support
- Intuitive use, no instructions required
- Doubles as scrambling net, stretcher and boarding ladder

Code	Description
Code on request	Dacon Rescue Frame

COMMERCIAL

## EMBARKATION AND PILOT LADDERS

Designed for embarking or disembarking pilots from vessels and are MCA approved and deliverable in bespoke sizes. Can be easily stowed away when not in use.

### Pilot ladders

Pilot ladders are manufactured using aluminium clamps to the requirements of ISO 799-1: 2019, ISO799-2: 2021, ISO 799-3: 2022, SOLAS Requirement A 1045 (27). Complete with UKCA Declaration of Conformity Certificate UK/4.49

USCG 46 CFR 160.003/ SAS S190049 approval.

### Embarkation ladder

Embarkation ladders are manufactured using aluminium clamps to the requirements of ISO 5489:2008, USCG 160.117. supplied with a MED/ USCG Declaration of Conformity, and if requested a MED/USCG 160.117/ EC0525/0525 -DE-MED 1950091-M2 approval certificate

### Aluminium Step Pilot Ladder

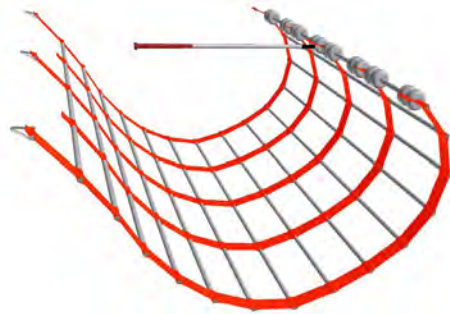
Aluminium step pilot ladders are manufactured using aluminium clamps staple spun side ropes, thimble 700mm eye at the top from the last step.

### Aluminium Step Embarkation Ladder

Aluminium step embarkation ladders are manufactured using aluminium clamps staple spun side ropes, thimble 700mm eye at the top from the last step.

Code	Description
Code on request	Embarkation & Pilot Ladders
Code on request	Pilot Ladder Magnets

COMMERCIAL



## FIBRELIGHT CRADLE

The Fibrelight Cradle is MOB recovery device that has the versatility to recover casualties into many different types and sizes of vessels, and also serves as a boarding ladder, scramble net and stretcher. It can be operated by a single crew member and has been primarily designed for use by rescue craft, rigid inflatables, ship lifeboats and marinas.

### FEATURES

- Standard dimensions are 1.3m wide by lengths of 2m, 3m, 4m, 5m, 6m, 7m, 8m and 9m
- Bespoke sizes are available to suit the individual needs
- SOLAS approved
- Constructed using carbon fibre rods enclosed in flanged tubular webbing
- Compact and easy to stow
- 3 year warranty
- No annual servicing requirement

Code	Description
Code on request	Fibrelight Cradle

COMMERCIAL



## FIBRELIGHT EMERGENCY LADDER

The Fibrelight Emergency Ladder is a 'Means of Embarkation' and life saving device accepted by the MCA. The ladder has been designed for use in emergencies; it can be carried and then deployed by a single person, as it is both lightweight and straightforward to use.

### FEATURES

- Standard width of 600mm and is produced in lengths of 2 to 65m
- Orange or black
- The ladder contains no metal parts and therefore is suitable for deployment on vessels or platforms with fire risks
- Constructed using carbon fibre rods enclosed in flanged tubular webbing
- Tested and approved for use in Arctic conditions of up to -68°C
- 3 year warranty
- No annual servicing required

Code	Description
Code on request	Fibrelight Emergency Ladder

COMMERCIAL



## JASON'S CRADLE

The Jason's Cradle® MOB system is SOLAS approved as embarkation ladders, and designed to retrieve people quickly and horizontally from the water.

### FEATURES

- The standard unit is suitable for most vessels with up to 3m freeboard and is offered in three width options
- The FRC kit is suitable for all fast rescue craft and is offered in two width options
- The rescue stretcher unit is suitable for high sided vessels, diver recovery and quayside rescue and is offered in two sizes
- The scramble net is suitable for high sided vessels, rescue zones and mass recovery/evacuation

Code	Description
Code on request	Jason's Cradle

COMMERCIAL





## RUTH LEE ADVANCED WATER RESCUE MANIKIN

Combining the ultra-realistic technology of Lifecast Body Simulation with the protective and rugged Ruth Lee body means that the manikin can be used to accurately simulate the rescue of drowning victim from the water, allowing rescuers and medical practitioners to train more effectively and more quickly, under pressure and in hostile conditions.

The Ruth Lee outer body aids buoyancy in all waters, whether open waters, pools, lakes and rivers helping to maintain the body in the drowned position ensuring the advanced water rescue manikin is protected in hostile environments.

### FEATURES

- Specialist technology replicated hydrostatic squeeze to allow for submerged or immersed drowning scenario
- Pockets on arms, legs, chest and back to allow for additional divers weights or equivalent
- Cardiopulmonary resuscitation - chest compression - 5-6cm with built in recoil
- Supplied with easy drain wellingtons and soft shoes
- Easy access point to reach drainage/fill 3 way tube lets you introduce liquid to replicate 'foaming' as part of a wet lung rescue
- Dry weight 50kg in total (with soft feet) or 52kg (with wellington boots)

Code	Description
SAF7010	Ruth Lee Advanced Water Rescue Manikin

COMMERCIAL

## RUTH LEE MAN OVERBOARD TRAINING MANIKIN

Designed to be used for the following scenarios: Man overboard search and rescue exercises in the open ocean streams, lakes or other inland waterways.

Ruth Lee manikins are designed to represent the correct anatomic weight distribution of a real person, to ensure that your training is as realistic and effective as possible.

### FEATURES

- Floats horizontally, vertically or at 45 degrees to simulate a human
- The tough nylon mesh carcass allows the water to penetrate quickly, allowing the legs to drop beneath the surface and only the head and shoulders are visible
- Dry weight 40kg (adult) increases to approximately 65kg retrieval weight from water
- Bright orange overalls and SOLAS reflective tape on the head make the manikin highly visible
- Strong webbing loop at the back allows easy handling, storage and suspension for drying
- Comes complete with overalls and boots which are easily replaced if damaged

Code	Description
SAF7000	Ruth Lee Rescue Manikin

COMMERCIAL



## DACON RESCUE DUMMY

The Dacon Rescue Dummy is a large and heavy exercise manikin developed for realistic maritime training. It resembles a person, and can be filled with water for ballast.

It has inherent flotation and cannot sink even if punctuated.

A lifting eye in the neck provides for crane handling and stowage.

The dummy is supplied with a robust PVC coverall, yellow or grey colour.

### FEATURES

- Realistic height (190cm) and weight (up to 85kg)
- Realistic joints, with restricted limb movements like a human
- Extremely rugged - it survives a drop from a platform's helicopter deck and other rough usage
- Inherent buoyancy, options for horizontal and vertical floating position
- Drainable manikin for lower transportation or storage weight (22kg)
- Practical transportation dimensions (89x67x33cm)
- Lifting eye in the neck for stowage and crane handling
- All components are available as spare parts

Code	Description
DAC2000	Dacon Man Overboard Dummy

COMMERCIAL

## FIBRELIGHT BOB+ TRAINING DUMMY

BOB+ provides an option for users who require a dummy for a longer training session or one that involves time 'out of the water'.

BOB+ uses a coated polyester outer but also has a polyurethane liner, which means that it will hold water for longer usage or on land for a short period. BOB+ will retain 80% of its starting weight after 3 hours on land.

### FEATURES

- Width: 0.6m
- Length: 1.74m
- Weight (stored): 1.2kg
- Weight (full): Up to 55kg

Code	Description
SAF6995	Fibreight BOB+ Training Dummy

COMMERCIAL



HAMMAR  
HYDROSTATIC RELEASE UNIT

The Hammar H20 is activated by increasing water pressure, and will automatically release liferafts, when water pressure reaches a depth of 1.5 - 4.0m.

HAM1000 6-150 person only is Ships Wheel MED and UK MER approved.

Code	Description
HAM1015	Hammar Hydrostatic Release Unit - 4 - 12 person only
HAM1000	Hammar Hydrostatic Release Unit - 6-150 person only

LEISURE    COMMERCIAL



HAMMAR  
LIFEBUOY RELEASE SYSTEM

The Hammar Lifebuoy Release System is a complete, easy-to-fit package for the rapid launch of lifebuoys onboard a ship. It fits ships, vessels and workboats of all types.

- FEATURES**
- Safe and quick operation
  - Electric activation from the bridge
  - Complete package for electric/water release



Code	Description
HAM2200	Lifebuoy Release System

COMMERCIAL

HAMMAR  
LIFEBUOY REPLACEMENT KIT

Replacement kit lifebuoy system ERU electric/water release.

- FEATURES**
- Safe and quick operation
  - Electric activation from the bridge



Code	Description
HAM1235	Lifebuoy Replacement Kit

COMMERCIAL



## ICOM GM800

The GM800 MF/HF Transceiver is designed for Class A DSC operation and provides a complete GMDSS MF/HF communication system for commercial SOLAS regulated vessels.

### FEATURES

- Meets MED "Wheel Mark" requirements
- Meets ITU-R M.493-13 DSC
- 4.3 inch wide viewing angle colour TFT LCD
- Intuitive user interface
- Space saving, remote head
- Provides loud, clear audio
- Remote distress alarm
- Printer connector (centronics IEEE1284)
- IEC 61162-1 interface for GNSS receiver
- 125W\* (PEP) output power (tuner-output)
- Built-in 24 V DC-DC converter
- Please note: AT-141(#45) GMDSS version must be used with GM800 for MED certification compliance.



Code	Description
VHF0405	ICOM GM800

LEISURE COMMERCIAL

## ICOM GM600

The GM600 VHF Transceiver is designed for Class A DSC operation and provides a complete GMDSS VHF communication system as required for Commercial SOLAS regulated vessels engaging in international voyages. The GM600 meets the Marine Equipment Directive 2014/90/EU "wheel mark" approval for European merchant ships. When installed with the GM800 MF/HF radio, GM600 and GM800 radios provide a complete GMDSS VHF, MF and HF radio station.

### FEATURES

- Meets ITU-R M.493-13 DSC
- Meets MED "Wheel Mark" requirements
- 4.3 inch wide viewing angle colour TFT LCD
- Intuitive user interface

- Provides loud, clear audio
- DC-DC converter PS-310



Code	Description
VHF0400	ICOM GM600

LEISURE COMMERCIAL

## ICOM IC-M330GE

The IC-M330GE is one of the smallest fixed VHF/DSC radios in the world. The IC-M330GE's front face is so compact that it matches the size of a modern smartphone. However, despite its small size, the IC-M330GE has all the hallmarks of Icom's stylish design, ease of use and performance.

### FEATURES

- Ultra compact body, flexible installation
- Intuitive user interface
- New speaker delivers dynamic, clear audio
- Class-leading receiver performance
- Built-in class D DSC
- Built in GPS receiver and external GPS antenna
- IPX7 waterproof (1m depth of water for 30 minutes)
- AquaQuake™ prevents audio degradation from a water-logged speaker
- Common NMEA interface for external GPS/NAV connection
- MA-500TR Class B AIS transponder compatible
- Tag scan and favourite channel function
- Dual/tri-watch function for monitoring CH16 and/or call channel



Code	Description
VHF0330	ICOM IC-M330GE

LEISURE COMMERCIAL

## ICOM IC-M423GE

The IC-M423GE is ideal for customers who are looking for a compact radio for their boat with advanced functions and dual station control. The radio features built-in active noise cancelling technology that provides superb audio performance. The optional COMMANDMIC™ allows you to control all the functions of the IC-M423GE as well as being able to be used as an intercom with the radio.

### FEATURES

- Intuitive user interface and white backlit LCD and keypad
- Active noise cancelling technology
- 10W loud audio, public address and foghorn
- Built-in class D DSC
- Built-in GPS receiver
- Optional white backlit HM-195GB/GW COMMANDMIC™
- AIS Target Call
- NMEA 0183 connectivity
- AquaQuake™ draining function
- IPX7 waterproof protection
- Dual/tri-watch function
- Meets ITU-R M493-14 specifications



Code	Description
VHF0324	ICOM IC-M423GE

LEISURE COMMERCIAL

## ICOM IC-M400BBE MODULAR VHF/DSC MARINE RADIO

The IC-M400BBE 'modular' marine radio solution can be installed out of sight, which is important, where space is at a premium. Controlled by the Icom HM-195GB COMMANDMIC™ this allows operation of all radio functions including DSC, radio, foghorn, hailer horn from the cockpit or fly bridge. The HM-195GB COMMANDMIC™ utilises the same user soft key interface used on Icom's latest range of marine radios making control of the radio very straight forward.

### FEATURES

- Space-Saving, two-piece configuration
- Active noise cancelling technology
- 10W Loud audio, public address and foghorn
- Built-in Class D DSC
- NMEA 0183 input /output for common GPS/NAV interface
- AIS target call with MA-510TR/MA-500TR
- Favourite channel function
- Meets the latest ITU-R M493-14 regulations
- AquaQuake water draining function for HM-195B/SW
- Dual/tri-watch function for monitoring Ch.16 and/or call channel
- LCD and keypad backlighting (HM-195B/SW)



Code	Description
VHF0290	ICOM IC-M400BBE Modular VHF/DSC Marine Radio

LEISURE COMMERCIAL

## ICOM IC-F5022M VHF BASE STATION

The IC-F5022M marine base station is perfect for any organisations that wishes to communicate with vessels from the shore.

Its applications are varied and can be used for marshalling races and coordinating marina and harbour traffic to name but a few. Organisations such as National Coast Watch will also find this a useful backup for any offshore emergencies.

The IC-F5022M uses AC power by converting 240V AC voltage to 13.5V DC, and can be programmed for individual user's marine requirements. This fully approved unit has an adjustable power level and a simple display makes it easy to use.



Code	Description
VHF0525	ICOM IC-F5022M VHF Base Station

LEISURE COMMERCIAL

ICOM  
IC-M605EURO

The IC-M605EURO is an advanced Class D VHF/DSC radio with integrated AIS receiver, capable of showing real-time AIS vessel traffic information on the large colour TFT LCD display. This radio contains many advanced features including Active Noise Cancelling technology, a sophisticated receiver and a last call voice recording function that saves up to two minutes of an incoming call. The IC- M605EURO also has the capability of connecting up to three command stations on a vessel, allowing operation/intercom via either RCM600 Remote Stations or HM-229 Commandmics. This makes it a great communication system for large yachts or motor cruisers.

FEATURES

- Up to three COMMAND HEAD/COMMANDMIC™
- Wide viewing angle 4.3" colour TFT LCD
- Integrated AIS receiver & user interface
- Class leading receiver performance
- Active Noise cancelling technology
- Last call voice recording
- Integrated GNSS receiver
- 30W two-way hailer and automatic foghorn
- NMEA 2000™, NMEA 0183/-HS connectivity
- Optional voice scrambler
- IPX8 advanced waterproof (1m depth of water for 60 minutes)
- Dual and tri-watch functions
- AquaQuake™ draining function
- Instant-access button for channel 16 and call channel



Code	Description
VHF0244	ICOM IC-M605EURO

LEISURE COMMERCIAL

ICOM  
IC-804 MF/HF MARINE  
SSM TRANSCEIVER

The IC-M804 is a long-range MF/HF Class E DSC radio for ocean-going sailors and commercial non GMDSS operators. Based on the MED approved Class A GMDSS radio GM800, the IC-M804 is packed with features to keep users safe including an intuitive user interface, and colour TFT LCD display, audio replay, GPS and more.

FEATURES

- Class E DSC MF/HF SSB radio
- Distress button for emergency
- Built-in DSC watch-keeping receiver
- Intuitive user interface
- 4.3 inch wide viewing angle colour TFT display
- NMEA 2000™, NMEA 0183/-HS connectivity
- Two minutes voice recorder memory
- Ready for HF e-mail operation
- Meets strict environmental requirements
- 125W (PEP) of RF output at AT-141 output power
- 0.5–29.999 MHz continuous receiver coverage
- Advanced RF direct sampling system employed
- Integrated GNSS receiver and supplied with a 5m cable GNSS antenna
- Programmable microphone buttons for quick function access



Code	Description
VHF0350	ICOM IC-804 MF/HF Marine SSM Transceiver

LEISURE COMMERCIAL

ICOM  
IC-M510 VHF/DSC MARINE RADIO  
WITH SMARTPHONE CONTROL

The IC-M510 is a stylish, new advanced VHF/DSC marine radio from Icom that gives you control of the radio via your Smartphone using the RS-M500 app (iOS™/Android™). In fact up to three smartphones can act as remote controllers via the radio's WLAN network. It is even possible to have intercom function between your smartphone and the radio itself.

FEATURES

- Radio control and intercom via your smartphone
- Stylish, sleek design
- Wide viewing angle colour TFT LCD
- Simplified navigation function
- Provides clear, loud audio
- Interface box for NMEA 2000™ and hailer
- IP68 advanced waterproofing (1m depth of water for 60 minutes)
- Integrated AIS receiver



Code	Description
VHF0256	ICOM IC-M510 VHF/DSC Marine Radio with Smartphone control - with AIS
VHF0255	ICOM IC-M510 VHF/DSC Marine Radio with Smartphone control - without AIS

LEISURE COMMERCIAL

ICOM  
IC-M37E

The IC-M37E comes with 6W of output power for extended communications range and has a great simple design that is comfortable to hold, simple to operate and easy to read. A perfect marine VHF radio for leisure and commercial users alike.

FEATURES

- High powered floating handheld
- Large keys and easy to grip design
- Channel history function
- Buoyant with flashing red LED
- AquaQuake water draining function
- Flexible charging options
- BP-297 battery case supplied as standard
- External speaker-mic connection
- 700mW audio output
- Low battery alert function
- Dual/tri-watch function
- Tag scan and favourite channel functions
- Favourite channel function
- Instant access to channel 16 or programmable call channel



Code	Description
VHF0120	ICOM IC-M37E
VHF0199	ICOM IC-M37E - Charger
VHF0125	ICOM IC-M37E - Speaker Microphone HM-165
VHF0756	ICOM IC-M37E Head Set

LEISURE COMMERCIAL



## ICOM IC-M94DE VHF WITH DSC & AIS

The IC-M94DE is the first handheld radio that offers users receive information broadcast by other AIS equipped vessels, it also provides vessel traffic information shown on the radios large clear display. With its elegant design and abundance of simple to use features this is a game changing device for anyone who ventures out to sea for recreation or work.

### FEATURES

- Worlds first handheld marine radio with AIS receiver
- Class-H DSC
- New rubberised backlit keypad for improved tactile button operation
- 10 hours (approx.) of long operating time\*
- 6W RF output power
- Class-leading 1500 mW audio output
- Active noise cancelling technology
- Simplified navigation function
- Float'n flash and MOB auto set functions
- AquaQuake function

\* Approximate, typical operation with 5:5:90 (power save on)



Code	Description
VHF0172	ICOM IC-M94DE VHF with DSC & AIS
VHF0125	HM-165 Speaker Microphone
VHF0134	HM-228 Speaker Microphone
VHF0128	CP-25H Cigar Lighter cable

LEISURE COMMERCIAL

## ICOM IC-M25EURO

The IC-M25Euro is a slim, lightweight radio with high performance. It is ideal for leisure customers who are looking for a reliable VHF handheld transceiver.

### FEATURES

- Available with blue or grey detail
- Slim, lightweight body
- 550mW clear audio
- 5W RF output power
- IPX7 waterproofing
- Buoyant with flashing LED light
- Large LCD screen
- AquaQuake water draining function - ejects water from the speaker grill with low frequency sound
- Rapid charger BC-217SE



Code	Description
VHF0161	ICOM IC-M25EURO - Blue
VHF0160	ICOM IC-M25EURO - Grey
VHF0199	ICOM IC-M25EURO - USB Charger
VHF0134	ICOM IC-M25EURO - Speaker Microphone HM-228

LEISURE COMMERCIAL

## ICOM IC-M73E

The IC-M73EURO is a powerful marine handheld that features IPX8 submersion rating, 6W high output, long battery life and a compact ergonomic body amongst many other features. It is ideal for all leisure and commercial customers.

### FEATURES

- Bass boost function
- 700mW loud audio
- 6W FR output power
- IPX8 advanced waterproofing
- Wide viewing angle LCD screen
- AquaQuake water draining function - ejects water from the speaker grill with low frequency sound
- Favourite channel and tag scan function
- Rapid charger BC-210
- Slim body



Code	Description
VHF0169	ICOM IC-M73E
VHF0129	ICOM IC-M73E - Speaker Microphone HM-167

LEISURE COMMERCIAL

## ICOM IC-M73 PLUS

The IC-M73PLUS meets the same high standards as the IC-M73E, with the addition of two new important features; a new voice recording function and ICOM's active noise cancelling technology. It is ideal for all leisure and commercial customers.

### FEATURES

- Last call voice recording
- Active noise-cancelling technology
- Bass boost function
- 700mW loud audio
- 6W FR output power
- IPX8 advanced waterproofing
- Wide viewing angle LCD screen
- AquaQuake water draining function - ejects water from the speaker grill with low frequency sound
- Favourite channel and tag scan function
- Rapid charger BC-210
- Slim body



Code	Description
VHF0168	ICOM IC-M73 PLUS
VHF0129	ICOM IC-M73 PLUS - Speaker Microphone HM-167

LEISURE COMMERCIAL

## ICOM IC-M85E

Designed with particular emphasis on commercial use the IC-M85E is a high class business marine handheld that meets both marine and simple Private Business Radio (PBR).

### FEATURES

- Private Business Radio (PBR) function
- Tough, water resistant construction
- Lithium-ion battery for extra long life
- Water resistant speaker-microphone
- Powerful 5W output power
- 22 free channels for PMR use
- Desktop charger supplied
- Meets military standard requirements

Code	Description
VHF0140	ICOM IC-M85E
VHF0132	ICOM IC-M85E - 12V Charger

LEISURE COMMERCIAL



## ICOM IC-M87E

The IC-M87 ATEX version conforms to the 94/9/EC ATEX Directive. This version is suitable for use in hazardous areas on land and at sea such as oil rigs, petrol tankers, etc. This version has a built-in voice scrambler with 32 codes for private transmission. The IC-M87 meets the needs of business and industry users who need a waterproof marine radio and simple PMR radio.

This ATEX approved IC-M87 radio offers safety approved 2-way communication preventing explosion and fire hazard in specified hazardous areas.

### FEATURES

- Waterproof construction
- Simple operation
- Lithium-Ion battery pack as standard
- Optional speaker microphone, HM-138
- Built-In voice scrambler
- Rapid charger available
- Self check function checks temperature, battery voltage & water intrusion
- Simple up/down switches for channel selection
- Step battery indicator
- Beep sound is selectable for each button
- High speed cloning (19200bps) between PC and transceiver
- MIL spec. tested to MIL-STD F



Code	Description
VHF0705	ICOM IC-M87E
LEISURE	COMMERCIAL

## ICOM IC-F3202DEX/F4202DEX SERIES

The ICOM IC-F2302DEX/F4202 DEX ATEX digital 2-way radio series meets IEC Ex/ATEX-based I/S specifications for the oil, mining and chemical industries.

### FEATURES

- 16 memory channels with channel announcement function
- BIIS 1200PTT ID transmission
- DTMF autodial
- 3 programmable buttons (including emergency red button)
- Low electrical resistant body; carrying case is not required
- Up to 21 hours operating time with BP-227EX
- Optional waterproof speaker-microphone, HM230EX



Code	Description
VHF0515	ICOM IC-F3202DEX
VHF0520	ICOM IC-F4202DEX
LEISURE	COMMERCIAL

## ICOM IC-GM1600E-GMDSS

The IC-GM1600E Marine VHF handheld has been designed for GMDSS compliant survival craft communications. The radio is engineered to survive and function in the extreme environmental conditions common in marine emergencies and brings the latest search and rescue technology to the marketplace.

### FEATURES

- Meets strict environmental requirements for GMDSS
- 2W output power for long-lasting battery
- Primary (non-rechargeable) lithium battery pack, BP-234
- Highly visible yellow coloured body



Code	Description
VHF0110	ICOM IC-GM1600E-GMDSS
VHF0112	ICOM IC-GM1600E-GMDSS - Lithium replacement battery
LEISURE	COMMERCIAL

## ICOM IC-F52D / F62D

Part of ICOM's IDAS digital 2-way radios is the IC-F52 Series. This series of handheld 2-way radios is exceptionally compact and smaller than the hugely popular IC-F51/IC-F51V analogue series. It is also water and dustproof, making it ideal for the outdoor environment.

### FEATURES

- 136-174, 350-400, 400-470, 450-512, 450-520 MHz versions
- 512 channels / 128 zones
- 14 character dot-matrix display with status icons
- Programmable functions and menu items in multiple languages
- Backlit LCD and buttons
- Continuous rotary knob and on/off volume knob
- 1300 mW loud and intelligible internal speaker audio
- MIL-STD-810 G shock, vibration, temperature and more
- IP67/66/55/54 waterproof & dust-tight protection



Code	Description
VHF0550	ICOM IC-F52D
VHF0560	ICOM IC-F62D
LEISURE	COMMERCIAL

## ICOM IC-F51/F61

ATEX waterproof PMR two way radio, conforms to the 94/9/EC ATEX Directive. The IC-F51 series is a waterproof PMR two way radio whose construction is equivalent to IPX7 which is the same rating as our marine handheld models. In addition, built-in signalling capabilities and UT-110 compatible voice scrambler function eliminate the need for an optional logic board. The IC-F51 series meets the requirements for a tough, waterproof communications tool for use in hazardous areas such as oil rigs, areas where flammable gases or liquids are used, and other potentially explosive environments.

### FEATURES

- Waterproof construction
- Tough and compact body
- Standard lithium-Ion battery pack
- Alphanumeric LCD
- Built-in signalling
- Built-in rolling type voice scrambler
- Programmable functions



Code	Description
VHF0662	ICOM IC-F61
VHF0730	ICOM IC-F51
LEISURE	COMMERCIAL

## OCEAN SIGNAL V100 GMDSS

The SafeSea V100 survival craft hand portable radio-telephone meets all the requirements of the IMO for carriage on SOLAS ships. Designed to be ultra-rugged and easy to use, both on-board and in distress situations, the V100 is the ideal choice for mandatory and voluntary carriage.

### FEATURES

- Lithium polymer rechargeable battery option available with rapid charger, for everyday normal use
- Fully waterproof, even 40°C thermal shock
- High efficiency transmitter for maximum battery life
- Rugged design exceeds GMDSS environmental requirements
- Laser etched key legends for durability
- High contrast, backlit LCD and keypad
- Rugged accessory socket option; waterproof to IP68 for use with headsets, helmets, fist mics, etc.
- 4 scanning modes, D/W, T/W, scan and memory scan
- 21 simplex channels according to IMO SOLAS requirements

Code	Description
VHF1000	Ocean Signal V100 GMD22
VHF1002	Ocean Signal V100 GMD22 - Charger kit & rechargeable polymer battery
VHF1001	Ocean Signal V100 GMD22 - Spare battery
LEISURE	COMMERCIAL





### EMERGENCY VHF AERIAL

For emergency use when the mast is lost. Required under World Sailing Offshore Special Regulations for certain safety categories for offshore yacht racing.



Code	Description
SAF0070	Emergency VHF Aerial

### WATERPROOF CASE

Waterproof case for VHF, PMR and other valuables.

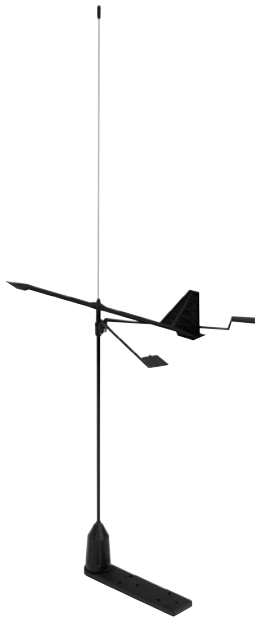


Code	Description
SAF3020	Waterproof Case - Small VHF - 11x31
SAF3040	Waterproof Case - Medium VHF - 11x34
SAF3060	Waterproof Case - Large VHF - 13x38
SAF3100	Waterproof Case - Handy Bag Small - 10x23
SAF3110	Waterproof Case - Handy Bag Large - 13x25
SAF3130	Waterproof Case - Mobile Phone - 9x26

### V-TRONIX MASTHEAD WHIP AERIAL - WITH HAWK WIND INDICATOR

#### FEATURES

- Lightweight
- Low windage
- 180mm nylon cranked bracket for mounting at masthead
- 20m of RG-58 cable
- Solderless connection
- PL-259 connector
- VHF marine band
- Gain: 3db
- Length: 0.89m
- 2 year warranty



Code	Description
VHF4005	V-Tronix Masthead Whip Aerial with Hawk Whip

### V-TRONIX HELIFLEX HELICAL STUB ANTENNA

#### FEATURES

- Low windage 15cm antenna for race yachts
- Ultra lightweight
- Helical construction
- Unobtrusive
- Integral aluminium masthead fitting plus 20m of RG58 cable
- PL-259 connector
- VHF marine band
- Unity gain
- VSWR



Code	Description
VHF4010	V-Tronix Heliflex Helical Stub Antenna

### V-TRONIX VHF WHIPFLEX STAINLESS STEEL ANTENNA

#### FEATURES

- Lightweight
- Low windage
- 180mm masthead mount
- 20m of RG-58 cable
- Solderless connection
- PL-259 connector
- VHF marine band
- Gain: 3db
- Length: 0.89m
- 2 years warranty



Code	Description
VHF4000	V-Tronix VHF Whipflex Stainless Steel Antenna

### OCEAN SIGNAL RESCUEME PLB3

The rescueME PLB3 represents a significant step forward in the evolution of PLB's. The merging of 406MHz and AIS distress messaging effectively pairs both global and local rescue, there by maximizing access to the most effective rescue resources available.

#### FEATURES

- No subscription required
- 406MHz Cospas-Sarsat distress signal (MEOSAR compatible)
- 121.5MHz Local homing signal
- AIS (Automatic Identification System) locating signal
- Smartphone connectivity via NFC (Near Field Communication)
- Free Ocean Signal beacon mobile app (IOS and Android)
- Return Link Service (RLS) functionality
- GNSS via GPS, Galileo, and Glonass
- Strobe and infrared strobe light
- Global coverage
- Simple PFD attachment
- Designed to integrate with common inflatable PFDs
- Multifunction clip system included
- Small and lightweight
- 5 year battery life
- Over 24 hours operational life

Code	Description
EPI3115	RescueME PLB3
EPI5164	Flotation Pouch

LEISURE

COMMERCIAL



### OCEAN SIGNAL M100/ M100X

The M100 and M100X MSLD (Maritime Survivor Locating Device) is designed to meet the needs of the professional marine market and its offshore workers. The M100 and M100X can be easily fitted to a life jacket or immersion suit and will automatically activate on inflation of the jacket or on submersion when fitted to the suit.

#### FEATURES

- Designed for automatic activation in lifejacket or immersion suit
- AIS transmission for position plotting
- 121.5MHz transmission for homing
- M100 ATEX & IECEx Zone 2 (for use in explosive atmospheres)
- Over 12 hours transmission
- 66 channel GPS (fast accurate positioning)
- 2 year warranty (subject to warranty statement)
- Simple to fit

Code	Description
EPI3180	Ocean Signal M100/ M100X

LEISURE

COMMERCIAL



### OCEAN SIGNAL RESCUEME MOB1

The MOB1 is compatible with even the most compact inflatable lifejackets. The MOB1 is intended to be installed within the lifejacket and will activate automatically on inflation, sending the first alert within 15 seconds.

#### FEATURES

- Integrated DSC transmitter (digital selective calling)\*
  - 7 year battery life
  - 24+ hours operational life
  - 5 year warranty\*\*
  - Fast accurate positioning
  - High intensity strobe
- \* DSC functionality is subject to regulations of country.
- \*\* 2 year warranty with additional 3 years when registered with Ocean Signal.

Code	Description
EPI3100	Ocean Signal RescueME MOB1

LEISURE

COMMERCIAL



OCEAN SIGNAL EPIRB1 PRO

The SafeSea EPIRB1 Pro operates in the 406MHz satellite band. This band comprises the international distress frequencies that are constantly monitored by Cospas-Sarsat, the international search and rescue satellite operator, ensuring a rapid response when a signal is received, no matter where it is in the world.

FEATURES

- State of the art 66 channel GPS receiver for fast and accurate position acquisition
- Float free bracket, automatic release housing with hydrostatic release unit
- High intensity strobe lights
- 10 year battery life
- Intuitive operating controls protected from accidental activation
- Meets or exceeds all international standards
- Class 2 EPIRB (-20 to +55°C) for general use
- Non-hazardous battery



Code	Description
EPI3125	Ocean Signal EPIRB1 Pro

LEISURE



OCEAN SIGNAL RESCUEME EPIRB1

The rescueME EPIRB1 provides peace of mind with an impressive 10 year battery life. The world's most compact EPIRB can always be on hand, as its small size allows it to be easily retained within its quick release bracket or placed in an emergency grab bag or liferaft.

FEATURES

- 10 year battery life
  - 5 year warranty\*
  - Retractable antenna
  - 66 channel GPS
  - 406MHz
  - 121.5MHz
  - High intensity strobe
- \* 2 year warranty with additional 3 years when registered with Ocean Signal.



Code	Description
EPI3120	Ocean Signal RescueME EPIRB1

LEISURE



OCEAN SIGNAL RESCUEME EPIRB2 PRO

The rescueME EPIRB2 Pro is a high-quality, feature-packed EPIRBs utilising a conveniently compact form factor. The innovative features of the EPIRB2 Pro and the included auto-release float-free bracket make it an excellent choice for a wide variety of marine applications specific to both recreational and commercial vessels.

FEATURES

- No Subscription Required
- 406 MHz Cospas Sarsat Distress Signal (MEOSAR Compatible)
- 121.5 MHz Local Homing Signal
- Smartphone connectivity via NFC (Near Field Communication)
- Free Ocean Signal Product App
- RLS (Return Link Service) Functionality
- GPS | Galileo | Glonass GNSS
- Strobe and Infrared Strobe
- Category I auto-release float-free bracket included
- 10-year battery life
- Over 48 hours Operational Life



Code	Description
EPI3129	Ocean Signal RescueME EPIRB1 Pro

LEISURE



OCEAN SIGNAL RESCUEME EPIRB2

The rescueME EPIRB2 is a high-quality, feature-packed EPIRBs utilising a conveniently compact form factor. The innovative features of the EPIRB2 make it an excellent choice for a wide variety of marine applications specific to both recreational and commercial vessels.

FEATURES

- No Subscription Required
- 406 MHz Cospas Sarsat Distress Signal (MEOSAR Compatible)
- 121.5 MHz Local Homing Signal
- Smartphone connectivity via NFC (Near Field Communication)
- Free Ocean Signal Product App
- RLS (Return Link Service) Functionality
- GPS | Galileo | Glonass GNSS
- Strobe and Infrared Strobe
- Class 3 version (manual activation only) available
- 10-year battery life
- Over 48 hours Operational Life



Code	Description
EPI3127	Ocean Signal RESCUEME EPIRB2

LEISURE



OCEAN SIGNAL SAFESEA EPIRB3 PRO

The Ocean Signal EPIRB3 Pro is a full-featured 406MHz global rescue beacon that comes with an auto-release float-free bracket. Ideal for a variety of mariners whether they are cruising the Mediterranean, heading out through the straights for a passage, fishing, working, or sailing offshore.

FEATURES

- No subscription required
- 406MHz Cospas-Sarsat distress signal (MEOSAR compatible)
- 121.5MHz local homing signal
- AIS (Automatic Identification System) alert
- Smartphone connectivity via NFC (Near Field Communication)
- Free Ocean Signal beacon mobile app
- RLS (Return Link Service) functionality
- GPS | Galileo | Glonass GNSS
- Strobe and infrared strobe
- Category I auto-release float-free bracket included
- 10 year battery life
- Over 48 hours operational life



Code	Description
EPI3135	Ocean Signal RescueME EPIRB3 Pro

LEISURE

COMMERCIAL



OCEAN SIGNAL RESCUEME EPIRB3

The Ocean Signal EPIRB3 is a full featured 406MHz global rescue beacon that comes with a manual release bracket. Ideal for a variety of mariners whether they are cruising the Mediterranean, heading out through the straights for a passage, fishing, working, or sailing offshore.

FEATURES

- No subscription required
- 406MHz Cospas-Sarsat distress signal (MEOSAR compatible)
- 121.5MHz local homing signal
- AIS (Automatic Identification System) alert
- Smartphone connectivity via NFC (Near Field Communication)
- Free Ocean Signal beacon mobile app
- RLS (Return Link Service) functionality
- GPS | Galileo | Glonass GNSS
- Strobe and infrared strobe
- Category II manual release bracket included
- 10 year battery life
- Over 48 hours operational life



Code	Description
EPI3130	Ocean Signal RescueME EPIRB3

LEISURE

COMMERCIAL





## OCEAN SIGNAL S100 SART

The SeaSafe S100 SART is designed to assist in the rescue and recovery of liferafts and survival craft. When switched on, the SART remains in a standby mode until automatically activated by an X Band Radar sweep from any vessel in the vicinity.

The SafeSea S100 transmits a series of pulses which are displayed on the ships Radar as a line of dots, providing a bearing to the survival craft. The activation controls are identical to those on the SafeSea E100 EPIRB, making use by unskilled operators much easier.

### FEATURES

- Superior battery life – even at -20°C
- User replaceable battery
- Non-hazardous battery
- Five year replacement interval
- Compact size for easy liferaft packing
- Supplied complete with telescopic pole and storage bracket
- Transport Canada approved

Code	Description		
EPI3295	Ocean Signal S100 SART	LEISURE	COMMERCIAL



## OCEAN SIGNAL ATB1 AIS CLASS B TRANSPONDER

The Ocean Signal ATB1 Class B AIS Transponder incorporating the superior SOTDMA access scheme provide increased visibility and safety at sea.

### FEATURES

- Increased visibility to other vessels (SOTDMA)
- Free user-friendly mobile app for set up
- Simple to install and use
- WiFi, USB, NMEA 0183 and
- NMEA 2000® connectivity
- Superior internal 99 channel GPS receiver
- Supplied with external mount GPS antenna

Code	Description		
EPI3400	Ocean Signal ATB1 AIS Class B Transponder	LEISURE	COMMERCIAL



## OCEAN SIGNAL RESCUEME PLB1

The rescueME PLB1 can be operated with a single hand in even the most challenging situations.

### FEATURES

- Waterproof to 15m
- Easily fits in lifejacket
- Retractable antenna
- 7 year battery life
- 5 year warranty\*
- 24+ hour operational life
- High intensity (1 candela) strobe
- 66 channel GPS receiver
- Unique mounting clip
- Operates on the global Cospas-Sarsat rescue system
- Fast accurate positioning
- Homing beacon to aid final location by search and rescue craft
- Free to use, no subscription charges
- Supplied with free flotation pouch

\* 2 year standard warranty, with an additional 3 years when registered with Ocean Signal.

Code	Description
EPI3110	Ocean Signal RescueME PLB1
EPI5160	Flotation Pouch

LEISURE COMMERCIAL



## OCEAN SIGNAL RESCUEME AIS ALARM BOX

The AIS Alarm Box is designed to ensure that the moment any AIS MOB or AIS SART signal is received an audible alarm is sounded ensuring everyone on the vessel is alerted to a possible MOB or a crew in need of rescue. Its simple design, compact nature and use of NMEA 0183 means that integrating the AIS Alarm Box into your AIS receiver and existing network is straight forward.

### FEATURES

- Detects AIS MOB and AIS SART devices
- Panel or bracket mount
- Waterproof (for external mounting)
- Programmable with up to 30 individual device MMSI numbers
- NMEA0183-HS (8400baud) input
- Supplied with power and USB cables
- Multiple tones to identify source
- Alarms on all received or specific targets
- NMEA through-port easy integration

Code	Description
EPI3175	Ocean Signal RescueME AIS Alarm Box



## ALDIS HAND HELD SIGNALLING LANTERN

SOLAS approved handheld signalling light, that can be used on all vessels.

### FEATURES

- Aluminium construction
- Lightweight
- Waterproof
- MCA approved
- Max daylight signal range: 8 miles
- Transmission rate: 12 words per minute
- Tubular and V sights fitted as standard
- Semi gloss black stoved enamel paint finish

Code	Description		
SIG0010	ALDIS signalling lantern (no bulb)	SIG0040	Sight reduction screen
SIG0015	ALDIS lamp carrying box	SIG0045	Green shade for ALDIS lamp
SIG0020	24V bulb	SIG0050	Red shade for ALDIS lamp
SIG0025	12V bulb	SIG0055	ALDIS lamp charger - 240V/24V
SIG0030	24V battery and box	SIG0060	ALDIS lamp charger - 110V/24V
SIG0035	12V battery and box		



## OCEAN SAFETY HAND BEARING COMPASS

The hand bearing compass is a shockproof, waterproof and sandproof hand bearing traditional compass.

Code	Description
COM0065	Ocean Safety Hand Bearing Compass



## WHISTLE

MCA/ SOLAS/ ISO approved plastic whistle.



Code	Description
SUR0165	Whistle

## FOG TRUMPET

Mouth fog trumpet, always ready to use and easy to stow.



Code	Description
SAF0022	Fog Trumpet

## FOGHORN & CANISTER

The manual gas-activated fog horn comes complete with a canister with an optional spare canister available.



Code	Description
SAF0015	Foghorn & Canister - complete
SAF0020	Foghorn & Canister - spare canister

## 6" BELL

6" dome mouth ship's bell.



Code	Description
SAF0200	6" Bell & Bracket

## FOG GONG

Fog gong and beater (sold separately).



Code	Description
SIG0100	41cm Gong
SIG0105	Beater

## STANDARD APPROVED TORCH

Waterproof hand-held searchlight, available as 12V or 24V, fitted with Morse Button and replacement bulbs available.



### FEATURES

- Waterproof
- Required 2 x C Cell batteries

Code	Description
SUR0015	Standard Approved Torch

## SIGNALLING TORCH

Approved to ISO18813:2006 and SOLAS requirements, the ST-250 Torch is capable of Morse signalling and a constant beam, producing a maximum concentrated beam of 250cd.

Lasting a minimum of 5 hours, the torch is supplied with a spare LED bulb and battery, and is enclosed in a moisture-proof case.



### FEATURES

- Easy 'twist action' steady beam function
- Waterproof to 50m

Code	Description
SAF0620	Signalling Torch

## AQUASPEC SIGNAL TORCH

The AQFLA Morse Signal Torch is designed to ISO18813:2006 standards, ideal for liferafts and lifeboats. It is IP67 waterproof and floatable with a highly efficient LED light and a powerful battery, delivering a 300cd light intensity for more than nine hours.



### FEATURES

- Five year battery life
- Gently press for Morse signal code
- Deeply press for a steady light
- Functional, simple and compact design
- Packed in a waterproof box
- Spare battery and LED bulb

Code	Description
SAF0640	Aquaspec Signal Torch

## RIGHT ANGLED FIREMAN'S TORCH

This ATEX approved torch is constructed with a sturdy grip and handy directional beam. Comes with a belt clip and carrying ring.



Code	Description
SAF0610	Right Angled Marine Torch

## NUC LIGHTS

The NUC light is used to signal other vessels that you are Not Under Command. It features a securing hook at one end of the pole for hoisting up the mast. Please specify if you require 12v or 24v when ordering.



### FEATURES

- Hook for attaching to hoist
- Cigarette lighter plug
- 12v or 24v options
- 1m length for vessels under 20m
- 2m length for vessels over 20m

Code	Description
SAF0300	1m NUC light for boats under 20m
SAF0350	2m NUC light for boats over 20m

## WATERPROOF MARINE TORCH

Especially designed for the marine industry, this non-ferrous metal torch comes with a belt clip and carry case.

### FEATURES

- Class A MCA accepted torch
- Requires 3 x D cell batteries
- Carries 2 spare bulbs in the base



Code	Description
SAF0625	Waterproof Marine Torch

## LED SEARCHLIGHT

A waterproof rechargeable high powered searchlight that comes complete with charging units for cigarette 12V and UK mains adapter.



Code	Description
SAF0520	LED Searchlight

## AQUA SIGNAL WATERPROOF HANDHELD SEARCHLIGHT

Waterproof handheld searchlight, available as 12V or 24V, fitted with Morse Button and replacement bulbs available. MED Approved.



Code	Description
SAF0670	Aqua Signal Waterproof Handheld Searchlight - 12V
SAF0675	Aqua Signal Waterproof Handheld Searchlight - 12V Spare Bulb
SAF0680	Aqua Signal Waterproof Handheld Searchlight - 24V
SAF0685	Aqua Signal Waterproof Handheld Searchlight - 24V Spare Bulb

## PETZL TACTIKKA CORE

The Tactikka Core is ideal for close-range work, as well as for moving around. Featuring a mixed beam, it ensures wide, focused or red stealth lighting.

A hybrid headlamp that comes with Core, a battery that is rechargeable via standard USB port. It is compatible with standard AAA/LR03 batteries (not included) without the need for an adapter.

### FEATURES

- Light output: 350 lumens
- Weight: 82g
- Energy: 1250mAh Core rechargeable battery (included)
- Battery compatibility: alkaline, lithium and Ni-MH
- Water tightness: IP X4



Code	Description
SAF0465	Petzl Tactikka Core

## AQUASPEC ELECTRONIC RESCUE SIGNAL LIGHT

Portable visual distress signal device for boats to output white light SOS signal under emergency situations at night. Manually activated, it can work continuously for more than 20 hours.

### FEATURES

- Powerful white flashing LED dome light
- Manually activated
- 20 hours of continual operation
- IP67 waterproof and self-floating
- Fixing tether designed for easy attachment
- Functional, simple, compact design
- Tamper-proof



Code	Description
AQSP1100	Aquaspec Electronic Rescue Signal Light



## OCEAN SIGNAL EDF1

The rescueME EDF1 electronic distress flare offers users a safe and long-lasting solution to visual signalling in an emergency.

The unique lens design combined with the use of advanced LEDs and highly efficient circuit technology ensures a constant level of light output throughout the life of the user replaceable battery.

### FEATURES

- Advanced LED technology - Safe operation
- Compact, rugged design
- Superb 360 degree visibility in the Azimuth
- Excellent visibility for aircraft and helicopter SAR
- Up to 6 hours battery use
- Constant brightness maintained throughout the life of the battery
- Four modes of operation plus SOS signalling
- Easy change replaceable battery
- Range up to 7 miles
- Waterproof to 10m
- Battery test function



Code	Description
SAF0595	RescueME EDF1
EPI5110	EDF Replacement Battery

## ODEO DISTRESS FLARE

The ODEO Distress Flare is the next generation of Electronic Visual Distress Signal Device (eVDS). It's lightweight, safe performance means that it is incredibly useful for any outdoor activity. The smaller size makes the ODEO a perfect choice for sailing, kayaking, hiking, mountaineering and even diving with its 50m 1P69 rating.

### FEATURES

- LED colour: Red
- Detection range: Minimum 3 nautical miles; up to 6 nautical miles in ideal conditions
- Operating life: 9 hours at full illumination
- Operating temperature: -40°C to +60°C
- Weight (inc batteries): 150g
- 4 x AAL91 Lithium batteries
- Battery: Recommend battery change every year
- Transport Canada approved



Code	Description
SAF0604	Odeo Flare - LED
SAF0601	Odeo Flare Neoprene Pouch

## ODEO FLARE

The Odeo Flare™ is an alternative to the traditional red pyrotechnic hand-held distress flare. It is similar in size to traditional flares, but instead of using dangerous explosives to burn, it uses battery powered light emitting diodes.

### FEATURES

- Visible from all directions simultaneously
- Projects over the full hemisphere
- Multiple LEDs; More power; visibility and redundancy
- Over 5 hours of continuous use from one set of batteries
- Search and rescue aircraft safe
- Indefinite shelf life with battery changes – 14 year shelf life with supplied batteries
- Five thousand hours mean time between failure
- Safe to carry in your back-pack
- Electronic circuitry designed for optimum visibility
- Made from salt-water resistant materials
- Transport Canada approved



Code	Description
SAF0602	Odeo Flare - LED

## ODEO STROBE

The ODEO Strobe is designed for use in lifesaving situations as a collision warning signal, or to pinpoint your position in a distress situation. Approved to MED, SOLAS, MER and USCG requirements the ODEO Strobe is capable of a visible high intensity flash and includes an infrared signal.

The ODEO Strobe has a maximum luminous intensity of 50cd visible for over 3 nautical miles. Lasting up to 2 days, the strobe light is also waterproof to 50m (IP68).

### FEATURES

- User 'twist action'
- User replaceable batteries
- Lanyard
- Lightweight
- Flashing light
- 3 nautical miles visibility
- Infrared
- Velcro strap
- Transport Canada approved



Code	Description
SAF0615	Odeo Strobe
SAF0601	Odeo Flare Neoprene Pouch

## ORANGE HAND-HELD SMOKE

Handsmoke which is designed for daylight distress signalling.

### FEATURES

- Burning time: 60 sec
- Weight: 180g



Code	Description
FLR5515	Orange hand-held smoke

LEISURE COMMERCIAL

## DAY/NIGHT SIGNAL FLARE

Small, compact distress signal flare. Ideal solution for use on personal water craft.

### FEATURES

- Red light intensity: 10,000cd
- Smoke or light duration: Over 15 sec
- Weight: 190g
- Dimensions: 135 x 42mm



Code	Description
FLR5320	Day/night Signal

LEISURE COMMERCIAL

## ORANGE BUOYANT SMOKE

For daylight distress signalling purposes on ships, lifeboats and life rafts.

### FEATURES

- Smoke duration time: Over 3 min
- Weight: 540g
- 4 year dated



Code	Description
FLR5010	Buoyant Orange Smoke

LEISURE COMMERCIAL

## WHITE PARA-ILLUMINATION ROCKET

Used by rescue organisers to illuminate the search area and make casualties aware that rescuers are in the area.

### FEATURES

- Flare ejection height: 300m
- White light intensity: 100,000cd
- Burning duration: Over 30 sec
- Weight: 420g
- Non-slip surface



Code	Description
FLR5300	Para-Illuminating Rockets

LEISURE COMMERCIAL

## RED PARACHUTE ROCKETS

For long-range distress signalling.

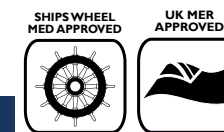
### FEATURES

- Flare ejection height: 300m
- Red light intensity: 30,000cd
- Burning duration: Over 40 sec
- Weight: 420g
- Non slip surface
- 4 year dated



Code	Description
FLR5000	Red Parachute Rocket

LEISURE COMMERCIAL



## RED AND WHITE HAND-HELD FLARES

The red hand-held is a short range distress signal that helps to pinpoint your position. The white hand held is not a distress flare - it is used to attract other vessels' attention to warn them you may be on a potential collision course when the vessel is not taking the appropriate avoidance action. It could also be used to illuminate a man overboard at night.

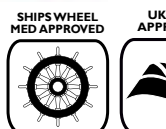
### RED HAND-HELD FEATURES

- Red light intensity: 15,000cd
- Burning duration: Over 60 sec
- Weight: 235g
- 4 year dated



### WHITE HAND-HELD FEATURES

- White light intensity: 10,000cd
- Burning duration: Over 60 sec
- Weight: 235g



Code	Description
FLR5005	Red Hand-Held Flare
FLR5510	White Hand-Held

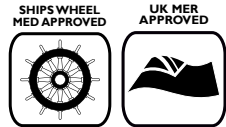
LEISURE

## IKAROS MOB COMPACT LIGHT-SMOKE SIGNAL

Man Overboard signal is the most compact in the world and has an innovative 360-degree light ring that clearly marks the position of the person in the water. This distress signal is designed to be mounted vertically on the ship's bridge, with one on the port and one on the starboard side.

### FEATURES

- Performance light: 2cd over 2 hours
- Smoke duration: Over 15 min
- Dimension: 175 x 325mm
- Weight: 2.75 kg



Code	Description
FLR5215	Ikáros MOB Compact Light-Smoke Signal

COMMERCIAL

## IKAROS MOB SMOKE/LIGHT

A combined day and night marker (giving 2 hours light and 15 minutes smoke) with lithium battery sealed for life.

The IKAROS MOB is approved globally and meets the latest SOLAS 74/96 regulations. For ships bridge mounting together with lifebuoy.

### FEATURES

- Performance light: 2cd over 2 hours
- Smoke duration time: over 15 min
- Dimensions: 200 x 500mm
- Weight: 4.8kg



Code	Description
FLR5200	Ikáros MOB Smoke/Light

COMMERCIAL

## INSHORE PACK

Designed for use up to 5 miles from land to attract attention during an emergency situation.

### PACK CONTENTS

- 2 x Red hand-held flares
- 2 x Orange hand-held smoke

Code	Description	LEISURE
FLR5605	Inshore Flare Pack	



## COASTAL PACK

Designed for use up to 10 miles from land to attract attention during an emergency situation.

### PACK CONTENTS

- 2 x Red hand-held flares
- 2 x Orange hand-held smoke
- 2 x Red parachute rockets

Code	Description
FLR5610	Coastal Flare Pack

LEISURE



## COLLISION PACK

Collision warn-off pack.

### PACK CONTENTS

- 3 x White hand-held flares

Code	Description
FLR5600	Collision Warn Off Flare Pack

LEISURE



## IKAROS LINE THROWER

Robust self contained portable line throwing unit.

### FEATURES

- Incorporates an integral rocket and igniter
- 300m of line
- 4kg weight
- Over 2,300N line strength
- Dimensions of 34cm x 23cm

Code	Description
FLR5220	Line Thrower
FLR5230	Spare Rocket
FLR5235	Igniter



COMMERCIAL

## OCEAN PACK

Designed for use up to 10 miles from land to attract attention during an emergency situation.

### PACK CONTENTS

- 4 x Red parachute rocket
- 4 x Red hand-held flare
- 2 x Orange buoyant smoke
- 4 x White hand-held flares



Code	Description
FLR5630	Ocean Flare Pack

LEISURE

## BRIDGE PACK

Waterproof poly bottle with a sealed ring top.

### PACK CONTENTS

- 12 x Red parachute rocket



Code	Description
FLR5622	Bridge Set Flare Pack

COMMERCIAL

## STORAGE SOLUTIONS

Waterproof poly bottles with a sealed ring top available in standard (15L) and large (20L) sizes.

### STANDARD POLY BOTTLE

- Rubber seal on screw top
- Dimensions: (H)36cm x (W)24cm
- Capacity: 15L
- Comes with grab handle

### LARGE POLY BOTTLE

- Rubber seal on screw top
- Dimensions: (H)44cm x (W)24cm
- Capacity: 20L
- Comes with grab handle



Code	Description
FLR5820	Standard Poly Bottle
SUR0199	Large Poly Bottle

LEISURE

COMMERCIAL

## OFFSHORE PACK

Designed for use up to 10 miles from land to attract attention during an emergency situation. Conforms to SOLAS regulations.

### PACK CONTENTS

- 4 x Red parachute rocket
- 4 x Red hand-held flare
- 2 x Orange buoyant smoke



Code	Description
FLR5615	Offshore Flare Pack

LEISURE

## RORC PACK

RORC flare pack as laid down in the RORC and World Sailing Special Regulations.

Packaged in a water resistant and compact plastic bottle which is portable and easy to stow.

### PACK CONTENTS

- 4 x Red hand-held flare
- 2 x Orange buoyant smoke



Code	Description
FLR5620	RORC Flare Pack

LEISURE

## CODE OF PRACTICE PACK

Waterproof poly bottle with a sealed ring top. Complies to the appropriate MCA regulations.

### PACK CONTENTS

- 6 x Red hand-held flare
- 4 x Red parachute rocket
- 2 x Orange buoyant smoke



Code	Description
FLR5625	Code of Practice Flare Pack

COMMERCIAL



## ECHOMAX EM230 & EM230BR REFLECTOR

For vessels greater than 9m in length. Max RCS 24m². Average RCS 4.7m²

### EM230 FEATURES

- (H)610mm x (W)245mm
- Fixing Centres: 569mm
- Weight: 2.3kg

### EM230BR FEATURES

- (H)595mm x (W)245mm
- Fixing Centres: 545mm
- Weight: 2.3kg

\*Black variant not SOLAS approved



EM230BR

EM230



Code	Description	Code	Description
SAF3510	EM230BR Reflector - White	SAF3508	EM230 Reflector - White
SAF3515	EM230BR Reflector - Yellow	SAF3506	EM230 Reflector - Yellow
SAF3520	EM230BR Reflector - Orange	SAF3502	EM230 Reflector - Orange
SAF3525	EM230BR Reflector - Black*	SAF3504	EM230 Reflector - Black*
SAF3550	EM230 S/S Bracket	SAF3558	EM230 Deck Bracket S/S
SAF3560	EM230 BR Deck Bracket S/S		

LEISURE

## ECHOMAX EM230 BASEMOUNT 'COMPACT'

For vessels between 6m and 9m in length. Bolts directly to A frames or cabin roof.

Max response 8.3m².

### FEATURES

- (H)268mm x (W)245mm
- Weight: 1.6kg



Code	Description
SAF3548	EM230 Compact Basemount (with light)
SAF3552	EM230 Basemount Q-D Adapter
SAF3549	EM230 Compact Basemount (no light)

LEISURE

## ECHOMAX EM180

Designed specifically for smaller boats Echomax have ensured the largest possible array with the smallest possible polyethylene case. It can easily be attached to the mast, halyard or deck.

### FEATURES

- (H)478mm x (W)197mm
- Weight: 1.4kg



Code	Description
SAF3600	EM180 - White
SAF3605	EM180 - Orange
SAF3610	EM180 - Yellow
SAF3620	Mast Brackets (set)

LEISURE

## ECHOMAX EM230 MIDI BASEMOUNT

For vessels between 8m and 15m in length. Bolts directly on to A frames, cabin roof, masts or spreaders.

Max response 20m².

### FEATURES

- (H)450mm x (W)245mm
- Weight: 2.4kg



Code	Description
SAF3540	EM230 Basemount - White
SAF3542	EM230 Basemount - Orange
SAF3544	EM230 Basemount - Black
SAF3552	EM230 Basemount Q-D Adapter

LEISURE

## ECHOMAX EM230i INFLATABLE RADAR

Deflates to pocket size. Maximum response of 25.6m² (SPL 4.1m²). Exceeds WCC, World Sailing and RORC Offshore rules. A certified copy of the QinetiQ linear diagram is included.

### FEATURES

- (H)750mm x (W)300mm
- Weight: 413g
- Rod set not included



Code	Description
SAF3565	EM230i Inflatable Reflector
SAF3570	EM230i & EMA03i Rod Set

LEISURE

## OCEAN SAFETY INFLATABLE RADAR REFLECTOR

SOLAS type approved inflatable radar reflector for liferafts. Suitable for stowage in liferaft emergency packs to 36m above sea level as required by IMO specification annexed to UK Merchant Shipping notice M.1485 1991, published by the Department of Transport Marine Directorate.

NATO SN 5985 99 380 7258

### FEATURES

- (H) 230mm x (W) 305mm
- Fixing Centres: 599g
- Weight: 413g
- Rod set not included



Code	Description
SUR0115	EMA03i Inflatable Reflector
SAF3570	EM230i & EMA03i Rod Set

LEISURE

## ACTIVE X & ACTIVE XS

State of the art Echomax Active-X and XS-Dual band radar target enhancers with minuscule current draw of 15 and 23mA on stand-by and very high X- 112m2 SPL and S band 17.75m² SPL response many times the new ISO 8729-2 standard. Unique visual facility to identify S or X band radar. Switchable audible alarm and extension alarm facility. Non-waterproof control box and 24m cable come as standard.



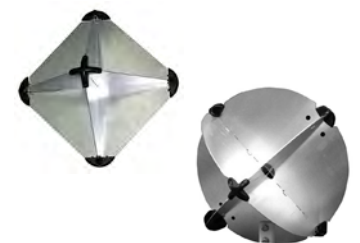
Code	Description
EPI4050	Echomax Active X
EPI4060	Echomax Active XS Dual Band
EPI4065	Echomax SS Active X Mast Bracket
EPI4075	Echomax SS Active XS Mast Bracket

LEISURE

## ALUMINIUM RADAR REFLECTORS

The aluminium radar reflectors meet World Sailing rules and are USCG approved.

Easy to hoist up the mast or backstay when required and supplied as a flat pack for quick assembly and immediate use.



Code	Description
SAF0059	12" Aluminium Reflector - Ball
SAF0060	18" Aluminium Reflector - Cube
SAF0061	16" Aluminium Reflector - Cube

LEISURE

## DAY SIGNALS

Collapsible metal/plastic/canvas signals, which can be used as the international day signal when anchoring, under power/sail, or under tow.

Code	Description
SIG0132	Signal Ball - Metal
SAF0050	Signal Ball - Plastic
SIG0135	Signal Cone - Metal
SAF0055	Signal Cone - Plastic
SIG0160	Signal Diamond - Canvas
SIG0165	Signal Ball - Canvas
SIG0142	Signal Diamond - Metal
SIG0166	Signal Cylinder - Canvas



## PARA-ANCHOR

A Para Anchor is designed to provide sufficient power to hold the bow of a vessel head to wind in the worst storm conditions. It should be deployed from the bow of the vessel and greatly reduces the risk of broaching, capsizing or rolling, keeping the boat more comfortable and stable throughout the duration of the heavy weather. Most importantly it allows the vessel to take the storm head on, rather than running with it, which reduces the time spent in discomfort. A must have for any cruising yachtsman or long distance sailor.

Comes packaged in stowage & deployment bags.

### FEATURES

- High density, brightly coloured nylon for high visibility in search and rescue situation
- Fitted stainless sinking chain to help with safer deployment
- Reinforced in areas of high load
- Easy and safe retrieval using the specific retrieval line available
- A range of sizes to fit vessels up to 30m

Code	Description	
SAF100	Para-Anchor Coastal 9 (9ft Dia)	SAF1060 Para-Anchor Indian 28 (28ft Dia)
SAF1010	Para-Anchor Global 12 (12ft Dia)	SAF1100 Anchor Line for 9 & 12 anchors
SAF1020	Para-Anchor Tasman 15 (15ft Dia)	SAF1100 Anchor Line for 15 & 18 anchors
SAF1030	Para-Anchor Bass Straight 18 (18ft Dia)	SAF1120 Anchor Line for 20 anchor
SAF1040	Para-Anchor Pacific 20 (20ft Dia)	SAF1130 Anchor line for 24 & 28 anchor
SAF1050	Para-Anchor S/Ocean 24 (24ft Dia)	SAF1160 Retrieval line



LEISURE

## PARA-DROGUE

A Para Drogue is deployed from the stern and designed to provide greater control, vary the speed of the vessel and improve directional stability downwind. This is particularly important when running before large seas, reducing the risk of broaching, particularly in breaking waves and shallow seas. It can also be rigged as an emergency steering device and help prevent overtaking when under tow.

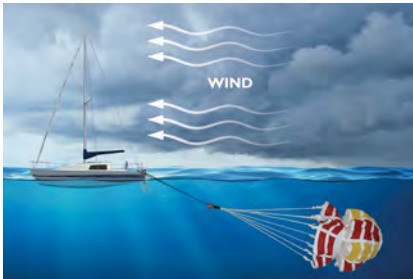
The Para Drogue comes in three versions, single, tandem and triple. The tandem and triple units are designed to interact with each other maintaining a positive and even drag on the stern of the vessel.

### FEATURES

- Heavy duty construction
- Easy to rig
- Adjustable openings
- Allows greater control in rough seas
- Can be rigged and used as an emergency steering device
- Helps prevent towed vessels overtaking
- Comes complete with a stowage bag

Code	Description
SAF1200	Para-Drogue - single (up to 50ft vessel)
SAF1220	Para-Drogue - Tandem Drogue (50ft to 70ft vessel)
SAF1225	Para-Drogue - Triple Drogue (70ft & Over vessel)
SAF1230	Drogue Line for single
SAF1235	Drogue Line for tandem and triple

LEISURE



## SEA ANCHOR FOR LIFERAFTS

Sea anchor designed for a liferaft, comes complete with 30m of line.

Code	Description
SUR0125	Sea Anchor For Liferafts

LEISURE



## OCEAN SAFETY INSULATED IMMERSION SUIT

A SOLAS and MED approved emergency abandonment suit, designed as an easy to don, single use garment to ensure personnel can evacuate stricken vessels in an emergency situation and aid survival until rescue.

The suit offers excellent thermal protection to the wearer via its 5mm fire retardant neoprene, which is further glued and blind stitched to ensure waterproof integrity.

It also benefits from an integral lifting strop with built in buddy line, whilst the SOLAS approved reflective tape, located on the hood and arms aids visibility, which in turn aids recovery. Reinforced soles on the feet, offer increased durability and protection.

Each suit is supplied in its own carry bag, donning instructions are clearly displayed on both the bag and the suit.

### FEATURES

- SOLAS approved
- 150cm<sup>2</sup> retro-reflective tape on the hood
- Full face seal
- Integral five fingered gloves with neoprene mitts
- 5mm neoprene (4-way stretch)
- Fire retardant
- Oversize zip buckle for easy donning
- Tailored design
- Integral lifting strop with built in buddy line
- Reinforced rubber soles
- Whistle

### SIZES

- Universal / XL

Code	Description
LIF0640	Ocean Safety Insulated Immersion Suit - Universal
LIF0646	Ocean Safety Insulated Immersion Suit - XL



COMMERCIAL

## MK8 IMMERSION SUIT

The MK8 non-insulated immersion suit has been designed as an easy don, lightweight immersion suit. It is manufactured using tough polyurethane coated nylon fabric and the high visibility colour greatly improves survivor location, especially in low light conditions. The MK8 is designed to give a generous fit and is available in two sizes, universal and extra large, which will accommodate a wide range of personnel. When packed in its valise it is extremely compact and can be stowed easily for emergency situations.

### FEATURES

- Easy to don
- Full face seal
- High visibility colour
- Offset zip
- Integral five fingered gloves and neoprene mitts
- Buddy line
- Universal size covers small to large measurements
- Valise dimensions: 40cm x 23cm
- Packed weight: 1kg
- Ankle and wrist ties

Code	Description
LIF0600	MK8 Immersion Suit - Universal
LIF0657	MK8 Immersion Suit - XL



COMMERCIAL





MULLION SMART SOLAS SUIT 1A

The Smart SOLAS Suit 1A is a semi-dry suit which provides optimum features and flexibility as a working suit combined with full approval as a SOLAS immersion and anti-exposure suit offering multifunctional use or emergency abandonment situation.

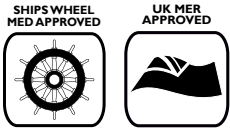
FEATURES

- Inherent buoyancy in excess of 80N
  - Fully waterproof
  - SOLAS/IMO approved retro-reflective tape
  - Neoprene five fingered gloves stored in the sleeve pockets
  - Inset neoprene wrist seals and neck seal
- Neoprene boots
  - Additional neoprene hood for use in an abandonment situation

SIZES  
S/M/L/XL

Code	Description
MUL0600	Mullion Smart SOLAS Suit 1A

COMMERCIAL



MULLION SMART 1A WINTER LINER

Thermal floatation liner offers the flexibility to add to the Smart 1A Suit to increase the protection level to 6 hours, as and when needed.

FEATURES

- Double sided quilted 100% closed cell foam thermally insulated floatation liner
  - Provides extra inherent buoyancy of minimum 80N
  - Heavy duty front zip
- Foot stirrups and thumb elastic loops to aid donning under a Smart SOLAS Suit
  - Orange or navy (colour coded for sizing)

Code	Description
MUL0605	Mullion Smart 1A Winter Liner

COMMERCIAL



MULLION NORTH SEA SUIT

The North Sea one piece suit is a constant wear floatation suit tested according to ISO 15027: Class D for 2 hours thermal protection in cold water.

FEATURES

- Fully waterproof outer fabric and taped seams
  - Anti-flushing straps to arms and legs
  - Hood folded in neck area
  - Front zip closure under double storm flap with touch & close fastening
  - 2 patched chest pockets with flap
- 2 lower hip pockets with fleece hand warmer
  - Inner adjustable neoprene wrist seals
  - 1 inside pocket

SIZES  
S/M/L/XL/XXL/XXXL

Code	Description
MUL0740	Mullion North Sea Suit

COMMERCIAL



MULLION X5000 SUIT

The X5000 Suit is designed to offer maximum breathability for the wearer.

FEATURES

- Fully waterproof, highly breathable outer fabric and taped seams
  - Anti-flushing straps to arms and legs with easy grip pull tabs and retro-reflective tape
  - Collar with flap with touch and close fastening
  - Detachable hood with drawstring, chin protection and peak (bespoke storage pocket)
  - Zip closure with chin protection under double flap with touch and close fastening
  - Retro-reflective tape
- Zip closure and gusset at leg for ease of donning over boots
  - 2 inset hip pockets with WP zip, adjustable waist belt and elasticated back waist
  - Fixed lining: highly breathable foam and wicking lining complex
  - Inner adjustable neoprene wrist seals
  - 2 inside pockets
  - Marine grade whistle

SIZES  
S/M/L/XL/XXL/XXXL

Code	Description
MUL1900	Mullion X5000 Suit

COMMERCIAL



MULLION X5000 JACKET

The X5000 Jacket is designed to offer maximum breathability for the wearer.

FEATURES

- Fully waterproof, highly breathable outer fabric and taped seams
  - Collar with flap with touch and close fastening
  - Detachable hood with drawstring, chin protection and peak
  - Zip closure with chin protection under double flap with touch and close fastening
  - 2 inset hip pockets with WP zip
  - Inner adjustable neoprene wrist seals
  - 2 inside pockets
- Zip closure and gusset at leg for ease of donning over boots
  - Adjustable waist belt and elasticated back waist
  - Retro-reflective tape on hood, chest, wrists & ankles
  - Fixed lining: highly breathable foam and wicking lining complex
  - Marine grade whistle

SIZES  
S/M/L/XL/XXL/XXXL

Code	Description
MUL1800	Mullion X5000 Jacket

COMMERCIAL



MULLION X5000 TROUSER

The X5000 Trousers are designed to offer maximum breathability for the wearer.

FEATURES

- Fully waterproof, highly breathable outer fabric and taped seams
  - Zip closure under double flap
  - 2 inset hip pockets with WP zip
  - Adjustable elasticated shoulder braces
- Zip closure and gusset at leg for ease of donning over boots Reinforced panels on knee and seat
  - Elasticated waist at back

SIZES  
S/M/L/XL/XXL/XXXL

Code	Description
MUL1850	Mullion X5000 Trousers

COMMERCIAL



MULLION X6 SUIT

The X6 Suit is designed to fulfil requirements in extreme conditions. It has superior reinforcement panels on knees and seat areas for enhanced abrasion resistance.

FEATURES

- Inherent buoyancy in excess of 80N (foam lined all the way down to the ankle)
  - Provides a degree of thermal protection against cold water shock and hypothermia
  - Fully waterproof / SOLAS/IMO approved reflective tape on hood, upper arms, wrists and ankles
  - High-visibility yellow adjustable insulated peaked hood, with built-in chin and face protection stored into collar
  - Hip pockets with fleece hand warmer
- Pocket on left arm with water-repellent flap /marine grade whistle / new ID pocket and possibility to add a SOLAS light
  - Extra pocket on the right arm for strobe light
  - Inner adjustable neoprene wrist seals
  - Extra strong reinforcement panels added to knees and seat area (600 denier)
- SIZES**

S/M/L/XL/XXL/XXXL



Code	Description	
MUL1500	Mullion X6 Suit	COMMERCIAL

MULLION X6 JACKET

The X6 Jacket is designed to fulfil requirements in extreme conditions. It has superior reinforcement panels on seat areas for enhanced abrasion resistance.

FEATURES

- Provides a degree of thermal protection against cold water shock and delays hypothermia upon immersion
  - Fully waterproof
  - SOLAS/IMO approved reflective tape on hood, upper arms and wrists
  - High-visibility yellow adjustable insulated peaked hood, with built-in chin and face protection stored into collar
  - Hip pockets with fleece hand warmer
  - Pocket on left arm with water-repellent flap
- Marine grade whistle
  - New ID pocket and possibility to add a SOLAS light
  - Inner adjustable neoprene wrist seals
  - Extra strong reinforcement panels to seat (600 denier)
  - Crotch strap
  - New style badging including norms displayed on left arm strap
- SIZES**

S/M/L/XL/XXL/XXXL



Code	Description	
MUL1400	Mullion X6 Jacket	COMMERCIAL

MULLION X6 TROUSER

The X6 Trouser is designed to fulfil requirements in extreme conditions. It has superior reinforcement panels on knees and seat areas for enhanced abrasion resistance.

FEATURES

- Foam lined all the way down to the ankle
  - Fully waterproof
  - Adjustable over the shoulder braces
  - Extra strong reinforcement panels (600 denier) added to knees and seat area
- Leg zips for ease of donning over boots
  - Tapered leg for a better fit
- SIZES**

S/M/L/XL/XXL/XXXL



Code	Description	
MUL1450	Mullion X6 Trouser	COMMERCIAL

MULLION AQUAFLOAT SUPERIOR JACKET

The Aquafloat Jacket is covering all general requirements of a demanding end-user.

FEATURES

- Fully waterproof outer fabric and taped seams
  - Crotch strap
  - Front zip closure under double storm flap with touch and close fastening
  - 2 patched chest pockets with water repellent flaps and marine grade whistle
  - 2 lower hip pockets with fleece hand warmer
- 1 Napoleon pocket under storm flap
  - Adjustable waist belt and elasticated back waist, elasticated drawcord with toggles in the hem
  - Retro-reflective tape on hood, upper arms and wrists
  - Inner adjustable neoprene wrist seals

Code	Description	
MUL0950	Mullion Aquafloat Superior Jacket	COMMERCIAL



MULLION AQUAFLOAT SUPERIOR TROUSER

The Aquafloat Trouser is designed to be worn in combination with the jacket for wear as a two piece suit to meet full approval as a buoyancy aid.

FEATURES

- Fully waterproof outer fabric and taped seams
  - Front zip closure under double storm flap with touch and close fastening
  - 2 lower hip pockets with fleece hand warmer
  - Reinforcement panels added to knees and seat area
- Adjustable elasticated shoulder braces
  - Zip closure and gusset at leg for ease of donning over boots
  - Retro-reflective tape on ankles
- SIZES**

S/M/L/XL/XXL/XXXL

Code	Description	
MUL0975	Mullion Aquafloat Superior Trouser	COMMERCIAL



MULLION AQUAFLOAT SUPERIOR SUIT

The Aquafloat Suit is a constant wear flotation suit tested according to ISO 15027 Class D.

FEATURES

- 74N buoyancy (size L)
  - Reinforcement panels on knees and seat area
  - High collar, protective chin strap with touch and close fastening, and high visibility yellow adjustable peak insulated hood
  - Fully waterproof outer fabric and taped seams
  - Anti-flushing straps to arms and legs with easy grip pull tabs and retro-reflective tape
  - Front zip closure under double storm flap with touch and close fastening
  - 1 Napoleon pocket under storm flap
  - 2 patch chest pockets with water repellent and marine grade whistle
- 2 lower hip pockets with fleece hand warmer
  - Zip closure and gusset at leg for ease of donning over boots
  - Adjustable waist belt and elasticated back waist
  - SOLAS approved retro-reflective tape on hood, chest and shoulder
  - Inner adjustable neoprene wrist seals
  - Two hours thermal protection
  - ID pocket on the chest
- SIZES**

S/M/L/XL/XXL/XXXL

Code	Description	
MUL0900	Mullion Aquafloat Superior Suit	COMMERCIAL





MULLION SMART SOLAS SUIT 2A

The Smart SOLAS Suit 2A is a semi-dry suit and similar to the SSS 1A, but has a higher buoyancy and thermal protection level (6 hours) provided by an additional foam insulation liner.

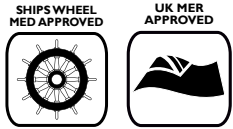
FEATURES

- Fully waterproof outer fabric and taped seams
- Wide anti-flushing straps on arms and ankles to give added thermal protection during water immersion
- Colour coded and sized storage bag with quick-rip touch and close opening panel to allow rapid donning in an emergency situation
- Elasticated leg panels for snug fit and to increase thermal protection during water immersion
- Straight collar
- Additional neoprene hood
- Zip closure under flap with touch & close fastening
- Sleeve pocket with neoprene gloves stored inside
- 1 sleeve pocket and marine grade whistle
- Adjustable belt in the waist

SIZES

S/M/L/XL/XXL/XXXL

Code	Description
MUL0605	Mullion Smart SOLAS Suit 2A
COMMERCIAL	



MULLION NORTH SEA II - TWO PIECE SUIT

The North Sea II – Two Piece Suit is ideal for use in the same areas as the one piece but with the added flexibility and comfort afforded by separate jacket and trousers. This two piece suit is sold as a combination.

FEATURES

- Fully waterproof outer fabric and taped seams
- Anti-flushing straps to arms and legs
- Hood folded in neck area
- Front zip closure under double storm flap with touch and close fastening
- 2 patched chest pockets with flap
- Adjustable elasticated shoulder braces
- 2 hip pockets with fleece hand warmer on jacket and trouser
- Retro-reflective tape on hood and chest
- 1 inside pocket

SIZES

S/M/L/XL/XXL/XXXL

Code	Description
MUL0745	Mullion North Sea II - Two Piece Suit
COMMERCIAL	



MULLION SEAMASTER II JACKET

The Aquafloat Seamaster II Jacket is an EN 20471 high visibility yellow multi-pocket floatation jacket designed to achieve maximum visibility when worn day and night.

FEATURES

- Fully waterproof outer fabric and taped seams
  - Crutch strap for wearer's safety
  - Anti-flushing straps at arms
  - Front zip closure under double storm flap with touch and close fastening
  - 2 lower chest pockets with fleece hand warmer
  - 2 lower pockets with water repellent flaps
  - 1 sleeve pocket and marine grade whistle
- 1 radio pocket on chest
  - 1 Napoleon pocket under storm flap
  - ID pocket on the chest
  - Retro-reflective tape on hood, shoulders, back, front, chest, upper and lower arms
  - Inner adjustable neoprene wrist seals.
  - 1 inside pocket

SIZES

S/M/L/XL/XXL/XXXL

Code	Description
MUL0741	Mullion Seamaster II Jacket

COMMERCIAL



MULLION AQUAFLOAT HARNESS JACKET

The Aquafloat Harness Jacket is a uni-colour red jacket designed to add an ISO 12401 deck safety harness to the harness apertures included on the chest. It can be supplied with or without the harness pre-fitted.

FEATURES

- Fully waterproof outer fabric and taped seams
  - Crutch strap for wearer's safety
  - Front zip closure under double storm flap with touch & close fastening
  - 2 patched chest pockets with water repellent flaps and marine grade whistle
  - 1 Napoleon pocket under storm flap
- 2 lower hip pockets with fleece hand warmer
  - Retro-reflective tape on hood, shoulders and arms
  - Inner adjustable neoprene wrist seals

SIZES

S/M/L/XL/XXL/XXXL

Code	Description
MUL0743	Mullion Aquafloat Harness Jacket

COMMERCIAL



THERMAL PROTECTIVE AID (TPA)

Easy to use, low cost and lightweight, this emergency abandonment suit is designed to accommodate all sizes.

FEATURES

- Designed with heat sealed seams to provide protection to a temperature of minus 30°C
- Designed to fit all
  - Soft pack - flexible
  - Packed size: 13.3x17.8x3.2cm

Code	Description
SUR0140	Thermal Protective Aid (TPA)

COMMERCIAL



FIRST AID KIT  
INSHORE

A basic first aid kit intended for smaller vessels staying relatively close to shore. The inshore kit will cope with most minor first aid incidents.



Code	Description
MED0500	First Aid Kit - Inshore
LEISURE	

FIRST AID KIT  
COASTAL

An essential day-to-day first aid kit intended for coastal boating, cross channel or weekend trips.



Code	Description
MED0510	First Aid Kit - Coastal
LEISURE	

FIRST AID KIT  
OFFSHORE

A comprehensive first aid kit, perfect as a day-to day alongside a main medical kit. Intended use for larger vessels & non-commercial vessels undertaking longer trips.



Code	Description
MED0520	First Aid Kit - Offshore
LEISURE	

FIRST AID KIT CODE OF PRACTICE CAT C

Complies with MCA medical requirements for commercial vessels and can be used in conjunction with Code of Practice for Small Commercial Vessels.

Code	Description
MED0130	Code of Practice First Aid Kit - Boxed (comes with St John's manual)
MED0100	Cat C First Aid Kit in Resealable Bag
MED0105	Cat C Kit - Boxed
MED0125	First Aid Box - Empty
MED0155	First Aid At Sea Manual
MED0080	Ship's Additional (Bridge) Kit
MED0090	SOLAS Softpack
SUR0005	Sea Sickness Tablets

COMMERCIAL

CAT A & B MEDICAL KITS

The supply of Category A and B Medical Kits is now subject to Medicines and Healthcare products Regulatory Agency (MHRA) regulations. This may restrict your ability to purchase these items.

**Category A:**  
For vessels operating more than 150 miles from a port.

**Category B:**  
For vessels operating less than 150 miles from a port, but if within rescue service range the distance can be extended.

Code	Description	Code	Description
MED2500	Cat A - 10 Person Medical Kit	MED2515	Cat B - 10 Person Medical Kit
MED2510	Cat A - 20 Person Medical Kit	MED2520	Cat B - 20 Person Medical Kit

COMMERCIAL



CREWMEDIC

Water resistant medical kit pouch system.

Up to 30 minutes away

Suitable for:  
Personal kit, jet-skis, windsurfers, dinghies and small ribs.

Up to 60 minute away

Suitable for:  
Sports boats, RIBs, day fishing, open boats, day sailing and grab bags.

Up to 180 minutes away

Suitable for:  
Power cruisers, sailing yachts, large RIBs, fishing, diving and grab bags.

Up to cross-channel level.



Code	Description
MED0560	Up to 30 minutes
MED0570	Up to 60 minutes
MED0580	Up to 180 minutes

LEISURE COMMERCIAL

GUIDES & MANUALS

Code	Description
MED0150	Ship Captain's Medical Guide
MED0157	St John's First Aid Manual

COMMERCIAL

HEARTSTART DEFIBRILLATOR

Designed to provide everyone onboard with the confidence to save lives, this defibrillator is simple to operate and easy to use with clear spoken instructions throughout applications.



Code	Description
MED4000	Defibrillator

COMMERCIAL

BREATHE ALCOHOL TESTING

The Dräger Alcotest® 5000 is a professional breath-alcohol tester which detects the presence of alcohol. The high-speed breathalyser lets you perform numerous tests in no time. Its special funnel reduces the back-flow of expired air to a minimum, preventing the risk of infection to subsequent test subjects.

The compact hand-held measuring instrument Alcotest is quickly ready for use and is adaptable to international guidelines. With a sturdy enclosure and the proven Dräger sensor, Alcotest 6820 is a reliable partner for breath alcohol analyses.



Dräger Alcotest® 5000

Dräger Alcotest® 6820

Code	Description
SAF8900	Alco Test 5000
SAF8905	Alco Test 6820

COMMERCIAL



OXYGEN THERAPY SET

The Oxygen Therapy sets offer the latest design in medical oxygen regulators.

The cylinders are fitted with an integral combi valve, meaning the cylinder, valve, and flow regulator are built in one unit 9 (the regulator cannot be removed from the cylinder).

They met the requirements of MSN1768 Medical Stores for Cat A, B Kits.



2 Litre Responder O2 Medical Oxygen Cylinder

Contents: Medical Oxygen (O2)

Cylinder Volume: 2L

Cylinder Pressure: 200bar

Gas Capacity: 429L

Flow Rate (Multi-Flow) 1-15Lpm

2.7 Litre Responder O2 Medical Oxygen Cylinder

Contents: Medical Oxygen (O2)

Cylinder Volume: 2.7L

Cylinder Pressure: 200bar

Gas Capacity: 579L

Flow Rate (Multi-Flow) 1-15Lpm

10 Litre Responder O2 PLUS Medical Oxygen Cylinder

Contents: Medical Oxygen (O2)

Cylinder Volume: 10L

Cylinder Pressure: 200bar

Gas Capacity: 2144L

Flow Rate (Multi-Flow) 1-15Lpm

Code	Description
MED2210	Oxygen Therapy Set 2ltr, inc Masks & Carry Bag
MED2212	Oxygen Therapy Set 2.7 ltr, inc Masks & Carry Bag
MED2216	Oxygen Therapy Set 10 ltr, inc Masks

COMMERCIAL

MODEL 71 STANDARD BASKET STRETCHER

The Model 71 Basket Stretcher durable and easy to handle, making it ideal for you to use in almost any rescue situation. It provides full-body protection to patients, even when they need to be transported across uneven, hazardous ground and offers room to accommodate blankets and life support equipment.

FEATURES

- High-density, polyethylene shell is supported by a permanently attached, heavy-duty, aluminium frame
- Shell is chemical, UV, rust, and corrosion resistant, ensuring long life
- Moulded-in runners and handholds make the stretcher easy to handle
- Replaceable, closed-cell foam mattress attached inside for patient comfort
- 5-Section flotation collar attaches to the Model 71 Basket Stretcher to provide flotation assistance for water rescue
- Four 2-piece, 5-foot-long quick-release patient restraints are simple to use and permit rescuers to easily change the position of straps to fit each patient
- Brass grommets are strategically located for quick use with Model 418-1 adjustable lifting bridle
- Weight: 10kg
- Load Limit: 272kg



Code	Description
MED0300	Model 71 Standard Basket Stretcher

COMMERCIAL

SAVIOUR TECHNICAL RESCUE STRETCHER

The very latest offering to the rescue sector, the Saviour Technical Stretcher supports both vertical and horizontal lift functions. It is the ideal all purpose stretcher for use in confined space/restricted access rescue and hazardous environments.

FEATURES

- Improved carry handles, new wrist cuffs, triple-lock carabiners on lifting bridle and groin harness
- Versatile - the stretcher can be carried, dragged, vertically lifted, floats and supports horizontal lifting
- All weather/environment rescue - impervious to fluids and sand, with positive buoyancy
- Easy to maintain - can be cleaned, with removable straps
- Minimal training requirement - colour coded straps aid application
- Infection control compliant - washable skin and removable/replaceable straps
- Provides C-spine (integral headblock) and pelvic fracture management
- Safe and secure - CE/EEC class 1 rated, 200kg (31 stone) load rated, low friction co-efficient
- Quick and efficient - C-Ray translucent and CT friendly
- Unique serial code - ideal for asset management
- Supplied with a standard fixed length lifting harness and compact carry bag or rucksack
- Load rating: 200kg (stretcher and vertical/horizontal lifts)
- Fits inside generic basket stretchers
- CE & EEC Class 1 certified
- Supports 2 or 4 person lift/carry with six soft lined carry handles



Code	Description
MED0330	Saviour Technical Roll Up Stretcher
MED0335	Lifting Strap for Stretcher

COMMERCIAL

NEIL ROBERTSON STRETCHER

Manufactured from high quality canvas and ramin slats for increased rigidity, this uniquely designed stretcher wraps around a casualty, providing protection without bulk.

FEATURES

- Size: 150 x 38 x 18cm
- Weight: 8kg

Code	Description
MED0315	Neil Robertson Stretcher
MED0316	Neil Robertson Stretcher - Carry Bag

COMMERCIAL



MILLER REVOLUTION  
R7 OFFSHORE

The Miller Revolution R7 Offshore is designed for any working at height on inshore windmill application. Equipped with a back D-pad with fall indicator integrated, quick connect buckles on the belt and legs straps and also automatic quick fixing cam buckles for easy fit.



Code	Description
HAR4005	Miller Revolution R7 Offshore - S/M
HAR4006	Miller Revolution R7 Offshore - L/XL
HAR4007	Miller Revolution R7 Offshore - XXL

S-CAPE MK VI  
OFFSHORE ESCAPE DEVICE

The MK VI provides an easy and versatile means of controlled descent from offshore installations such as platforms, tankers, drill rigs, etc. in the event that an emergency escalates to a point where the standard emergency evacuation systems can no longer be used.



Code	Description
SAF8100	S-Cape MK VI Offshore Escape Device

MILLER REVOLUTION  
PREMIUM R5

The R5 Premium Revolution is a 3-point full body harness for use with a fall arrest device and suitable anchorage point.

The robust Miller Revolution harness is ideal for scaffolding, steel erection, tower building and maintenance thanks to the unique Revolution technology and a multitude of key features. The PivotLink™ connections are located at hip level for a smoother movement during ascent and descent. A pivoting work-positioning belt offers greater freedom of movement and reach.



Code	Description
HAR4001	Miller Revolution Premium R5 - S/M
HAR4002	Miller Revolution Premium R5- L/XL
HAR4003	Miller Revolution Premium R5 - XXL

2020 MK2

Two point fall arrest harness, with 3 bar slides and a rectangular link, leg and chest connection.



Code	Description
HAR3000	2020 MK2

PETZL VERTEX VENT  
COMFORT HELMET

The Vertex Vent Helmet is very comfortable thanks to its six-point textile suspension and Center fit and Flip & Fit systems, which guarantee that the helmet fits securely on the head.

With its potential for integration of a Petzl headlamp, hearing protection and multiple accessories, it is an entirely modular helmet and responds to the specific additional needs of professionals.



Code	Description
HAR0410	Petzl Vertex Vent Comfort Helmet

OCEAN SAFETY SAIL TRAINING  
TRIPLE Y LANYARD

Developed in conjunction with the AB103 Marine Fall Arrest to overcome difficulties in moving around vessels, and can be adjusted between 1.8m and 0.2m. Conforms to BSEN1095.



Code	Description
HAR2016	Ocean Safety Sail Training Triple Y Lanyard

SHOCK ABSORBING  
LANYARD

Complete with 2 x AJ 501 screw gate carabiners.



Code	Description
HAR2062	Shock Absorbing Lanyard - 1.5m
HAR2061	Shock Absorbing Lanyard - 2m C/W snaphook & carabiner
HAR2060	Shock Absorbing Lanyard - 1.75m

HONEYWELL  
LANYARD

1.5m tie-back forked webbing lanyard, with 4 loops and 3 captive eyes 18mm carabiners.



Code	Description
HAR4106	Honeywell Lanyard



CHUNKIE TAILS

Single leg and twin lanyards suitable for arresting potential falls. The lanyard incorporates a 'tear web' energy absorbing pack.

Material specification: 11mm kernmantle rope with a polyester tear-web energy absorber covered in a PVC shrink sleeve.



Code	Description
HAR3004	Chunkie Tails - 100 Lanyard
HAR3005	Chunkie Tails - 150 Lanyard
HAR3006	Chunkie Tails - 175 Lanyard

MILLER FALCON ATEX 480 SELF-RETRACTING LIFELINE

Self-retracting lifeline is the ideal fall protection solution for construction, industrial, warehouse, utility, mining and confined space applications. Nearly indestructible, high-impact resistant nylon housing, stainless steel cable and screwgate carabiner.



Code	Description
HAR4105	Miller Falcon ATEX 480 Self-retracting Lifeline

HACKSAW & BLADES

12 inch hacksaw, can be used as a means of severing rigging after the loss of a mast. Spare blades are available.



Code	Description
SAF0075	Hacksaw
SAF0080	Blades (pack of 10)

FOLDING KNIFE

Personal folding knife with rounded rescue tipped blade.



Code	Description
GER0050	Folding Knife

FLOATING KNIFE

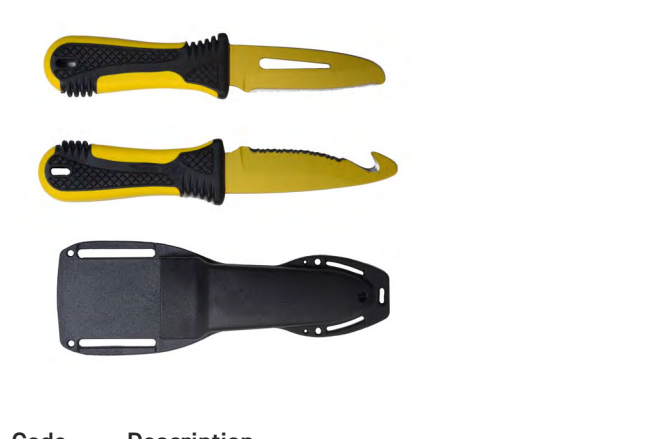
Developed for use in and around inflatable structures, come with a rounded end.



Code	Description
SUR0076	Floating Knife - Fixed Blade
SUR0078	Floating Knife - Folding Blade

RESCUE RACE KNIFES

For all water use, these knives have a fixed blade, whilst the nylon sheath ensures that knives are quick to hand.



Code	Description
GER0100	Rescue Race Knives - Blunt Tip
GER0150	Rescue Race Knives - Hook Tip

HYDRALIC CUTTERS

Double action hydraulic cutters.



Code	Description
SAF2035	Hydraulic Cutters - up to 24mm
SAF2040	Hydraulic Cutters - up to 32mm

FELCO WIRE CUTTERS

Felco wire cutters with textile or steel core, designed for cutting rigging away in an emergency.



Code	Description
SAF2000	Felco Wire Cutters - C7 - 7mm cutters
SAF2005	Felco Wire Cutters - C9 - 9mm cutters
SAF2010	Felco Wire Cutters - C12 - 12mm cutters
SAF2015	Felco Wire Cutters - C16 - 16mm cutters
SAF2020	Felco Wire Cutters - C109 0 8mm cutters
SAF2025	Felco Wire Cutters - C112 - 12.7mm cutters

DRIZIT OIL SPILL KIT

The Drizit Oil Spill Kit is a totally portable and versatile spill kit for use anywhere - inside or outside the workplace, for containing and cleaning up all types of spill.

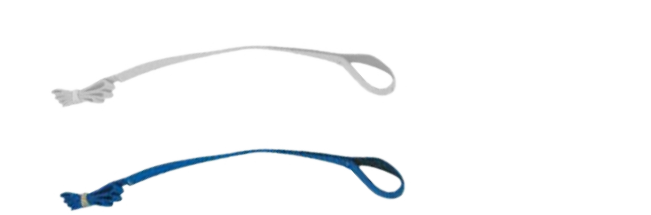


Code	Description
SAF9500	Drizit Oil Spill Kit

JACK STAY

Made to specified lengths with a sewn in eye at each end.

Made from 25mm polyester webbing and comes with a certificate to 500kg.



Code	Description
SAF0227	Jack Stay - White
SAF0230	Jack Stay - Blue

BOAT HOOKS

Easy to stow boat hook.



Code	Description
SAF0110	Boat Hook - telescopic

BAILING EQUIPMENT



Code	Description
SAF0350	Bucket - Black Plastic
SAF0357	Bucket - Foldable
SAF0375	Bucket - Canvas
SAF0380	Bucket - Bucket Lanyard (2 spliced eyes)
SAF0385	Bucket - Bucket Lanyard (1 spliced eye)
SUR0152	Bailer
SUR0090	Sponge
SAF0010	Softwood Plugs - small set
SAF0012	Softwood Plugs - large set

WHALE BP3000  
MANUAL BILGE PUMP

High capacity manual bilge pump, constructed from highly durable power coated diecast aluminium alloy.

FEATURES

- 3 mounting options - Available for deck bulkhead or underdeck mount
- High performance flow rate (117L / 31 US gals / min)
- Suitable for pumping oily bilge water or effluent



Code	Description
FIR6510	Whale BP3000 Manual Bilge Pump

WHALE MK5 BILGE PUMP

High capacity, robust and lightweight polypropylene manual bilge pump range, which allows great versatility in installation so that you can fit the pump in the orientation to best suit your boat.

FEATURES

- 3 mounting orientations – 1 pump - (on-deck, thru-deck, on-bulkhead)
- High performance flow rate (66L / 17.5 US gals / min)
- Suitable for pumping bilge water, saltwater or diesel



Code	Description
SUR0132	Whale MK5 Bilge Pump

ORCA AUTO 1300GPH 12V  
BILGE PUMP

The compact and powerful automatic Orca Auto 1300 requires no additional field sensor or float switch rather they are integrated within the pump to ensure the most effective automatic bilge water removal. The submersible pump has a large footprint ensuring lowest water level detection and maximum surface area exposure to bilge water.

FEATURES

- High performance- 1300 US gals/hr flow rate (82 ltrs/min)
- Simple to install with built in automatic sensor
- Efficient large filter for maximum surface area exposed to bilge water
- Solid state switching with no moving parts
- Long battery life
- Neat fit in compact bilge areas



Code	Description
SUR0133	Orca Auto 1300gph 12v Bilge Pump

PHOTOLUMINESCENT SIGNAGE

Ocean Safety can supply a wide range of signs, a selection of our most popular photoluminescent signs are listed below.

Part numbers are listed below each sign.



A wide variety of other signs are available in the following categories:

- IMO life saving appliance symbols
- IMO fire control symbols
- Fire equipment signs
- Safety signs
- Prohibition signs
- Mandatory sign
- Hazard signs
- IMDG hazardous substance signs
- Safety training posters





WATER RATIONS

Water rations for use in liferafts and lifeboats to aid survival whilst waiting for help to arrive.

FEATURES

- SOLAS approved
- 500ml
- Storage life of 5 years



Code	Description
SUR0040	Water Rations

GLUCOSE RATIONS

Glucose rations are high in calorific content to aid survival whilst waiting for help to arrive.

FEATURES

- Quick release sugar sweets
- 3 year life expectancy



Code	Description
SUR0065	Glucose Rations

FOOD RATIONS

Emergency food rations for use in liferafts.

FEATURES

- Emergency food rations for use on liferafts and lifeboats
- 500g pack (10000Kj)
- Designed for consumption with minimal water
- SOLAS approved



Code	Description
SUR0035	Food Rations

SOLAR STILL

This inflatable solar still is light and compact, allowing you to distill pure drinking water from the sea or any other impure water sources.

26x23x70cm.



Code	Description
SUR0450	Solar Still Inflatable

WATER CONTAINER

Portable refillable water container.

Available in two sizes.



Code	Description
SAF0360	10L
SAF0365	25L

WATER MAKER

Using an energy recovery process this compact, reverse osmosis watermaker has a high production rate.



Code	Description
SUR0400	Survivor 06
SUR0405	Survivor 35

OCEAN SAFETY GALLEY STROP

The Ocean Safety Galley Strop is for use in the galley in a seaway to provide security and safe operation of cooking facilities.



Code	Description
SAF0068	Ocean Safety Galley Strop

THERMA FOIL BLANKET

Thermal blanket.

Metallized polyester blanket.

FEATURES

- Wraps around the body and reflects 90% of body heat
- Reduces convective and evaporative heat loss
- Windproof and waterproof
- Stores in compact space
- Size, unfolded 54W x 84H in (137W x 213H cm)



Code	Description
SUR0182	Therma Foil Blanket

SEA SICKNESS BAGS

Sea Sickness bags.

Sold individually.



Code	Description
SUR0181	Sea Sickness Bags

FISHING KIT

Complete with weights, hooks, lures and 12 metres of line. MCA approved for fishing.



Code	Description
SUR0070	Fishing Kit

WIND / WATERPROOF MATCHES

Waterproof matches.

24 matches per pack.



Code	Description
SUR0100	Wind / Waterproof matches

DRINKING VESSELS

Clear plastic drinking vessels.

Available in two sizes.



Code	Description
SUR0050	50ml
SUR0055	250ml

SOLAS SIGNAL TABLE

Double sided illustrated clear instructions on useful life saving signals.



Code	Description
SUR0155	SOLAS Signal Table - No 1 Poster
SUR0160	SOLAS Signal Table - No 1 Card

LIFERAFT SURVIVAL MANUAL

Waterproof liferaft survival manual.



Code	Description
SUR0110	Liferaft Survival Manual

OCEAN SAFETY TRAINING MANUALS

Ocean Safety Training Manuals are in A4 binders & in loose leaf format. The main body describes equipment and procedures generically, and the final section allows the user to insert details applicable to that specific vessel.

COMMERCIAL

WORKBOAT CODE TRAINING MANUAL

MCA workboat code replacing the brown code & previous small commercial vessels and pilot boats code of practice.

Suitable for:

- Small workboats (under 24m, or if built before July 1968, of less than 150 GRT) that operate to sea e.g. windfarm vessels, tenders, fishing vessels etc.
- Vessels in commercial use, other than those engaged in recreational, sport or pleasure use
- All UK workboats, wherever they may be operating
- All UK pilot boats, of any size
- Non-UK vessels in UK waters or operating from UK ports
- Non-governed similar vessels, suitable for all similar vessels, whether or not they are governed by the code, also satisfies the requirements of the (voluntary) MCA code of practice for rescue boats.

Code	Description
SUR0500	Workboat Code Training Manual

SOLAS LSA TRAINING MANUAL

Suitable for use on all SOLAS vessel type and larger non-SOLAS vessels.

Code	Description
SUR0510	SOLAS LSA Training Manual

CODED VESSEL TRAINING MANUAL

The small coded vessel training manual covers lifesaving appliances and survival techniques and fire extinguishing systems & equipment.

Suitable for:

- Yachts complying with UK MCA LY2 and LY3 codes
- Motor or sailing vessels of 24m and over in commercial use for sport or pleasure, that carry no cargo and not more than 12 passengers
- Vessels complying with the Red Ensign group yacht code (Part A) not carrying more than 12 passengers
- Fishing vessels
- High speed craft / HS-OSVs of less than 500 GT
- Smaller commercial vessels

Code	Description
SUR0501	Coded Vessel Training Manual

SOLAS CHECKLIST

Covers firefighting techniques within the marine industry, with clear illustrations throughout the manual.

Code	Description
SUR0520	SOLAS checklist

SUPER YACHT & LARGE VESSEL TRAINING MANUAL

The super yacht & large coded vessel training manual covers lifesaving appliances and survival techniques and fire extinguishing systems & equipment.

Suitable for:

- Vessels complying with the under 500 GT cargo ships and workboats code
- Yachts complying with UK MCA LY2 and LY3 codes motor or sailing yachts of 24m and over in commercial use for sport or pleasure, that carry no cargo and not more than 12 passengers
- Sail training vessels
- Vessels complying with the Red Ensign group yacht code (Part B)
- Pleasure yachts on international voyages with 13-36 passengers, and maximum 200 persons on board, and not carrying cargo
- High speed craft / HS-OSVs of less than 500 GT
- Larger fishing vessels
- Other larger non-SOLAS vessels

Code	Description
SUR0502	Super Yacht & Large Vessel Training Manual

LSA SOLAS EQUIPMENT CHECK LIST

This manual covers both LSA & fire fighting equipment. Provide weekly & monthly inspections of all required equipment.

Code	Description
SUR0530	LSA SOLAS Equipment Checklist For Reg 20 & Reg 36

SAFETY PACKS

COASTAL SAFETY STARTER PACK

Designed for both the new and experienced boat user, these packs offer essential equipment in one compact pack.

- Ocean ISO Lifteraft - Container or valise
- 4, 6 or 8 Ocean Safety XF - red automatic lifejackets
- Coastal flare pack
- Coastal first aid kit
- Horseshoe set with Aquaspec lifebuoy light

CANISTER	Code	Type	Person
	SAF5320	Motor	4 person
	SAF5325	Motor	6 person
	SAF5330	Motor	8 person
	SAF5370	Sail	4 person
	SAF5375	Sail	6 person
	SAF5380	Sail	8 person

VALISE	Code	Type	Person
	SAF5300	Motor	4 person
	SAF5305	Motor	6 person
	SAF5310	Motor	8 person
	SAF5350	Sail	4 person
	SAF5355	Sail	6 person
	SAF5360	Sail	8 person

INSHORE STARTER PACK

Designed for both the new and experienced boat user, these packs off essential equipment in one compact pack.

- 4, 6 or 8 Ocean Safety XF - red automatic lifejackets
- Inshore flare pack
- Inshore first aid kit
- Horseshoe set with standard light
- Sailing pack only - Integral harness and 2 hook safety line per lifejacket

Code	Type	Person
SAF5220	Motor	4 person
SAF5225	Motor	6 person
SAF5230	Motor	8 person

SAF5270	Sail	4 person
SAF5275	Sail	6 person
SAF5280	Sail	8 person

RIB SAFETY PACK

The RIB Safety Pack contains essential safety equipment and is available in either a waterproof and buoyant yellow polybottle or roll top grab bag.

- 2 x Ikaros hand-held smoke
- 2 x Ikaros red hand-held flare
- 1 x Inshore first aid kit
- 1 x Mouth fog horn
- 1 x 4" heliograph mirror
- 1 x SOLAS no.2 card

Code	Type
SAF5010	Rib Pack - Grab bag version
SAF5012	Rib Pack - Polybottle version

RIB SAFETY PACK PLUS

The RIB Safety Pack Plus is similar to the RIB Safety Pack, but contains more safety items. It is also available in either a waterproof and buoyant yellow poly bottle or roll top grab bag.

- 2 x Ikaros red parachute rocket
- 2 x Ikaros orange hand-held smoke
- 2 x Ikaros red hand-held flare
- 1 x Inshore first aid kit
- 1 x Mouth fog horn
- 1 x Signal mirror
- 1 x SOLAS no.2 card
- 1 x TPA
- 1 x Odeo Strobe

Code	Type
SAF5020	Rib Pack Plus - Polybottle version
SAF5022	Rib Pack Plus - Grab Bag version

INSHORE DAY BOAT SAFETY PACK

The Inshore Day Boat Safety Pack come with a roll top grab bag as standard.

- 2 x Ikaros orange hand-held smoke
- 2 x Ikaros red hand-held flare
- 1 x Inshore first aid kit
- 1 x Throwing line
- 1 x Gloria 1kg power extinguisher
- 3 x Green light sticks
- 2 x Ocean Safety XF – red auto lifejackets

Code	Type	Person
SAF5220	Motor	4 person
SAF5225	Motor	6 person
SAF5230	Motor	8 person

Code	Type	Person
SAF5270	Sail	4 person
SAF5275	Sail	6 person
SAF5280	Sail	8 person



SINGLE SENSOR GAS ALARM - LPG

Ocean Safety offer a complete range of gas alarm systems, these systems use modern technology to provide unrivalled protection. The alarm system incorporates a unique waterproof sensor.

A leak of LPG (LP Gas) can result from any number of situations such as split or perished flexible hoses, chaffing pipes, leaking joints, poorly installed appliances, cracked cylinder lockers, loose cylinder regulators or unlit burners. Being heavier than air, LPG will sink and collect in the bilge or any available compartment.



Code	Description
SAF3200	Single Sensor Gas Alarm - LPG

DUAL SENSOR GAS ALARM - LPG & CARBON MONOXIDE

Ocean Safety offer a complete range of gas alarm systems for detecting LPG (butane/ propane) and carbon monoxide. These systems use modern technology to provide unrivalled protection, the alarm system incorporates a unique waterproof sensor.

Carbon monoxide is a poisonous gas given off when fuels are burnt.

A faulty appliance or adverse weather conditions can quickly result in a dangerous build up, which can only be detected with an alarm system.



Code	Description
SAF3210	Dual Sensor Gas Alarm - LPG & Carbon Monoxide

DUAL SENSOR GAS ALARM - LPG X 2

Ocean Safety offer a complete range of gas alarm systems, these systems use modern technology to provide unrivalled protection. The alarm system incorporates a unique waterproof sensor.

A leak of LPG (LP Gas) can result from any number of situations such as split or perished flexible hoses, chaffing pipes, leaking joints, poorly installed appliances, cracked cylinder lockers, loose cylinder regulators or unlit burners. Being heavier than air, LPG will sink and collect in the bilge or any available compartment. A naked flame, electrical spark or hot exhaust is all that is required to cause an explosion.



Code	Description
SAF3205	Dual Sensor Gas Alarm - LPG X 2

SINGLE SENSOR PETROL ALARM SYSTEM

Ocean Safety offer a range of alarm systems for detecting petrol vapour. These systems use modern technology to provide unrivalled protection, the alarm system incorporates a unique waterproof sensor.

Petrol vapour is often used as a fuel for inboard and outboard engines of boats, tenders and RIBs. Petrol is very volatile and easily ignited. A small leak of petrol can therefore quickly lead to a very dangerous situation. If the petrol vapour is allowed to build up in a confined space and ignition occurs an explosion will result.



Code	Description
SAF3215	Single Sensor Petrol Alarm System

DUAL SENSOR GAS ALARM - LPG & CARBON MONOXIDE & VALVE CONTROL

Ocean Safety offer a complete range of gas alarm systems for detecting LPG (butane/propane) and carbon monoxide. These systems use modern technology to provide unrivalled protection, the alarm system incorporates a unique waterproof sensor.

As an additional safety feature, the push button on the control panel is used to control an electrically operated gas shut-off valve (solenoid valve), which in the event of a gas alarm will automatically close and cut off the flow of gas and prevent a dangerous build up.

Please Note: You will need to purchase a gas solenoid valve (12V or 24V).



Code	Description
SAF3225	Dual Sensor Gas Alarm - LPG & Carbon Monoxide

DUAL SENSOR GAS ALARM - LPG X2 & VALVE CONTROL

Ocean Safety offer a complete range of gas alarm systems, these systems use modern technology to provide unrivalled protection. The alarm system incorporates a unique waterproof sensor.

As an additional safety feature, the push button on the control panel is used to control an electrically operated gas shut-off valve (solenoid valve), which in the event of a gas alarm will automatically close and cut off the flow of gas and prevent a dangerous build up.

Please note that solenoid valves are not supplied as part of the Gas Control Systems and need to be purchased separately.



Code	Description
SAF3220	Dual Sensor Gas Alarm (LPG x2 & valve control)

REPLACEMENT SENSORS

Replacement sensor for LPG and WG alarms.



Code	Description
SAF3240	Replacement LPG Sensor
SAF3245	Replacement Petrol Vapour Sensor
SAF3250	Replacement Carbon Monoxide Sensor

GAS SOLENOID VALVE, 12V, 0.3A & 24V, 0.15A

The Nereus VAL-12V-RP gas solenoid valves contain a micro-circuit to reduce power consumption and improve reliability. The circuit provides a pulse of current for a few seconds to open the valve and then automatically reduces to a much lower holding current. This system provides a reliable on/off switching action over the full voltage range with much reduced power consumption.

The Nereus VAL-24V-RP gas solenoid valve is designed to control the LPG gas supply on a boat. It contains a micro-electronic circuit which greatly reduces power consumption and ensures reliable operation over the full voltage range experienced on boats. The micro-circuit provides a pulse of current to open the valve and then automatically reduces to a lower 'holding' current. As well as ducing power, the running temperature of the valve is much reduced and overall reliability increased.

These valves feature a stainless steel body and also run much cooler than normal solenoid valves which improves their reliability.

Valves are supplied fitted with 1m of marine grade cable.



Code	Description
SAF3230	Gas Solenoid Valve, 12v, 0.3A
SAF3235	Gas Solenoid Valve, 24v, 0.15A

BILGE SENSOR/OPTICAL SENSOR

With 10m of cable, this optical sensor is compatible with all Index Marine Alarm panels and is safe for use in the presence of volatile gases. An output triggers when the probe becomes immersed in water.



Code	Description
SAF3260	Bilge Sensor/Optical Sensor

BILGE ALARM DUAL STATION

Designed to monitor high or low levels of liquids, the BE20 has two channels with audio alarm and independent annunciator lights. It is ideal for monitoring water ingress in boat bilges and compartments, as well as buildings and infrastructure in flood-prone areas. Compatible with Index Marine BE51/BE55 optical and resistive fluid sensors as well as many other third-party sensor types.



Code	Description
SAF3262	Bilge Alarm Dual Station

BILGE ALARM 4 STATION

A rugged and straightforward solution to alerting users of working, military and special use boats to the presence of water in the boat's bilges, the BE15 is a sealed unit that is easy to install, and provides reassurance on busy active boats.



Code	Description
SAF3264	Bilge Alarm 4 Station

JOHNSON BILGE ALERT HIGH WATER ALARM

The Johnson Bilge Alert high water alarm system uses a patented Mirus field effect detector cell which produces a micro-electrical field that detects disruptions caused by water and fluids. When activated, the sensor will trigger a 100db audible alarm, plus a visual LED alarm on the control panel.



Code	Description
SAF3266	Johnson Bilge Alert High Water Alarm - 12 Volt
SAF3268	Johnson Bilge Alert High Water Alarm - 24 Volt

NOVEC NFG EXTINGUISHERS

NFG range covers from 25 cubic feet (0.7 cubic meters) to 200 cubic feet (5.7 cubic meters).



Code	Description
FIR8008	SeaFire NFG 25 Man/ Auto 0.7cu m
FIR8009	SeaFire NFG 50 Man/ Auto 1.4cu m
FIR8010	SeaFire NFG 75 Man/ Auto 2.1cu m
FIR8011	SeaFire NFG 100 Man/ Auto 2.8cu m
FIR8012	SeaFire NFG 125 Man/ Auto 3.5cu m
FIR8013	SeaFire NFG 150 Man/ Auto 4.2cu m
FIR8014	SeaFire NFG 175 Man/ Auto 5.0cu m
FIR8015	SeaFire NFG 200 Man/ Auto 5.7cu m
FIR8000	SeaFire NFG 25 Auto 0.7cu m
FIR8001	SeaFire NFG 50 Auto 1.4cu m
FIR8002	SeaFire NFG 75 Auto 2.1cu m
FIR8003	SeaFire NFG 100 Auto 2.8cu m
FIR8004	SeaFire NFG 125 Auto 3.5cu m
FIR8005	SeaFire NFG 150 Auto 4.2cu m
FIR8006	SeaFire NFG 175 Auto 5.0cu m
FIR8007	SeaFire NFG 200 Auto 5.7cu m

AVD PORTABLE FIRE EXTINGUISHER (LITHIUM-ION BATTERY FIRES)

AVD is a revolutionary fire extinguishing agent specifically designed for lithium-ion battery fires. It is environmentally friendly and is made from naturally occurring vermiculite.

FEATURES

- Suitable for lithium-ion battery, class A and flammable metal fires
- Creates a film over the fuel source to deny oxygen and suppress the fire
- Non-toxic to humans, plant life and animals
- Available individually or in case quantities
- Environmentally responsible



Code	Description
FIR0200	500ml Aerosol
FIR0205	1L Extinguisher
FIR0210	2L Extinguisher - MED Approved
FIR0215	6L Extinguisher - MED Approved
FIR0220	9L Extinguisher - MED Approved

GLORIA STANDARD AND SHROUDED EXTINGUISHERS

Gloria Powder extinguishers can be used on most types of fires including solid combustibles, flammable liquids and gases as well as electrical fires.

Code	Description	Rating
GLORIA STANDARD		
FIR0560	1kg Powder	8A 34B
FIR0565	2kg Powder (MED approved)	13A 89B
GLORIA SHROUDED		
FIR0585	2kg Powder (refillable) (MED approved)	13A 89B C



Standard 1kg      Standard 2kg



STANDARD POWDER EXTINGUISHERS

Powder extinguishers, come complete with mounting bracket and gauge.



Code	Description	Rating
FIR0451	0.95kg Powder	34B
FIR0540	1kg Powder (MED approved)	8A 34B
FIR0545	2kg Powder (MED approved)	13A/89B/C
FIR0720	4kg Powder (MED approved)	21A 113B C

AUTO EXTINGUISHERS

Powder & GTFE Halon replacement automatic extinguishers.



Code	Area (m³)	Description
AUTO POWDER		
FIR0480	1m3	1kg Powder
FIR0485	2m3	2kg Powder
Auto GTFE (Clean Agent)		
FIR0465	1.7m3	1kg GTFE
FIR0470	2.5m3	1.5kg GTFE
FIR0475	3.4m3	2kg GTFE

MED APPROVED EXTINGUISHERS

A range of stored pressure, foam, powder and CO<sub>2</sub> standard industrial and MED Ship's Wheel approved fire extinguishers.



Code	Description	Rating
STORED PRESSURE		
FIR0600	9L water (MED approved)	21A
FOAM		
FIR0750	2L foam (MED approved)	5A 55B
FIR0760	6L foam (MED approved)	21A/183B
FIR0640	9L foam (MED approved)	21A/183B
POWDER		
FIR0720	4kg Powder (MED approved)	21A 113B C
FIR0730	6kg Powder (MED approved)	43A/233B
FIR0740	9kg Powder (MED approved)	55A/233B
CO <sub>2</sub>		
FIR0780	2kg Alloy (not MED)	34B
FIR0790	5kg Alloy	89B
FIR0650	5kg Steel (MED approved)	89B

EXTINGUISHER BRACKET

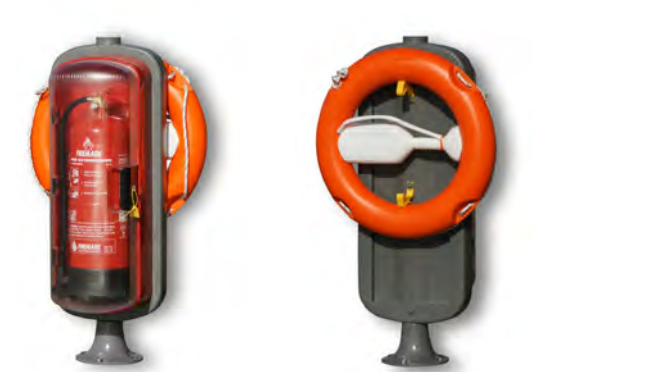
Universal transport extinguisher bracket with webbing strap for use with 4kg, 6kg and 9kg foam, water or powder extinguishers. Can be used vertically or horizontally.



Code	Description
FIR0794	Extinguisher Bracket

SOS601 SAFETY STATION

Storage of 1 x 6kg fire extinguisher (and or First aid kit), 22-30" lifebuoy and throwing line.



Code	Description
CAB9000	SOS601 Station (1m pole)
CAB9010	SOS601 Station (1.5m pole)

SEA-FIRE FIRE SUPPRESSION SYSTEM MONITOR

Sea-Fire Fire Suppression System Monitor Display (CAT5).

Fire Suppression Supervisory Panels 131-400 Series.

Panel mounted displays give both a visual and audible alarm in the event of extinguisher discharge or low cylinder pressure.

Fully compatible with the ERS 131-440, 131-445, 131-450 Series shutdown units.

All displays available in rectangular or round panels. All displays comply with ISO Marine 8846 and meet CE approval.



Code	Description
FIR7655	Sea-Fire Fire Suppression System Monitor

SEA-FIRE BI-DIRECTIONAL CABLE ASSEMBLY

Bi-directional 6ft and 10ft cable assembly.

**Manual discharge**  
Sea-Fire NFG or NFD manual/automatic 'M' models and MD series require a discharge cable assembly for manual discharge of the extinguishing system.

**Lengths:**  
The bi-directional discharge cable is available in 2ft (0.6m) increments for manual discharge from 6ft (1.83m) up to 100ft (30.5m)  
Each cable assembly kit includes a pull handle, cable, escutcheon plate, safety pin, tie and instructions.



Code	Description
FIR8200	Sea-Fire Bi-directional Cable Assembly - 6ft Cable
FIR8202	Sea-Fire Bi-directional Cable Assembly - 10ft Cable

SEA-FIRE CIRCUIT ENGINE SHUTDOWN

Sea-Fire ESRS engine shutdown system will automatically shut down engines and powered ventilation upon discharge of the fire extinguishing system.

Three model sizes available (4, 6 and 8 circuit) with shutdown capability up to 8 devices (engines, blowers, etc.).

**ESRS Systems**  
Each ESRS system requires a panel mounted display (from the 131-280 series) with visual and audible alarm, discharge lights and an override button for engine restart and control.

All models are 9-32VDC and all comply with IAW EU Directive 2002/95/EC (ROHS) and EU Directive 2002/96/EC (WEEE).



Code	Description
FIR7650	Sea-Fire 4 Circuit Engine Shutdown
FIR7655	Sea-Fire 6 Circuit Engine Shutdown
FIR7660	Sea-Fire 8 Circuit Engine Shutdown

## AXES

Designed with a steel head and shaft this axe comes complete with an insulated handle that has been tested to 20,000V.

It meets BS3054.



Code	Description
FIR3300	Insulated Axe
SUR0145	Lifeboat Axe

## FIREMANS SAFETY LINE

Snaphook wire core safety line.



Code	Description
FIR3350	Firemans Safety Line (40m)
FIR3355	Firemans Safety Line (30m)

## FIRE BLANKETS

**Compact:** Fire blanket in a compact case complete with mounting hole on the back of the case.

**MCA Slim Pack:** MCA compliant fire blanket in a long and thin casing providing quick and easy installation on most vessels.



Code	Description
FIR0025	Fire Blankets - MCA Slim pack
FIR0022	Fire Blankets - Compact

## SMOKE DETECTOR

Smoke alarm for bulkhead or roof mounting, comes complete with battery and hush button.



Code	Description
FIR0360	Smoke Detector

## HOSES

A variety of hoses are available in numerous different lengths, they can be supplied alone or fitted with couplings/ adapters, tubes, pipes, jet spray nozzles and fire hydrants.



## FIRE PLAN HOLDER



Code	Description
FIR9100	Fire Plan Holder - small

## HAND FIRE PUMP

Portable manual hand pump used for firefighting & water discharge. Easy to use and conforms to the MCA requirement for use on coded vessels.



Input Hose



Outlet Hose



Whale Pump BP3000

Code	Description
FIR6500	Hard Fire Pump - complete
FIR6505	Inlet Assembly - with strainer
FIR6509	Outlet Assembly - with hose and nozzle
FIR6511	Deck Plate Kit
FIR6510	Whale BP3000

## FIREFIGHTING EQUIPMENT CABINET

Fire equipment cabinets, available in a variety of sizes. Cabinets are Lloyds Register type test approved.



Code	Description
CAB0280	Firefighting Equipment cabinet - JB08FE
CAB0260	Firefighting Equipment cabinet - JB10FE
CAB0120	Firefighting Equipment cabinet - JB17FE
CAB0285	Firefighting Equipment cabinet - JB17.750FE
CAB0290	Firefighting Equipment cabinet - RS300FE

## RIGHT ANGLED FIREMAN'S TORCH

This ATEX approved torch is constructed with a sturdy grip and handy directional beam. Comes with a belt clip and carrying ring.



Code	Description
SAF0610	Right Angled Marine Torch

## FIRE BUCKETS

Code	Description
FIR0300	Fire Buckets - 10L Metal
FIR0305	Fire Buckets - Metal Lid
FIR0315	Fire Bucket - 10L Plastic
FIR0320	Fire Bucket - Plastic Lid
SAF0350	Fire Bucket - 14L Plastic
SAF0355	Fire Bucket - 11L Galvanised
SAF0357	Fire Bucket - 10L Foldable
SAF0375	Fire Bucket - 10L Hardware
SAD0380	Rope Bucket Lanyard - 2m

## FIRE BUDDY PLUS SUIT

The Fire Buddy Suit is a two-piece garment with a four-layer construction. The outer shell is aramid. The second layer is a waterproof breathable membrane. The third layer is an meta-aramid/ para-aramid felted thermal barrier and the fourth layer is a modacrylic/ Lenzing lining.

The jacket has a stand up collar, elasticated cuffs, and is closed by a zip covered by an overlapping front with touch and close fastening to the front and collar. The trousers have wide elasticated braces with adjusters and quick-release buckles. Optional fire resistant retro-reflective tape can be fitted to the wrists, hem and ankles. Optional radio and thigh pockets can be fitted as well.



Code	Description
FIR3170	Fire Buddy Plus Suit - without retro-reflective tapes and pockets
FIR3185	Fire Buddy Plus Suit - with retro-reflective tapes and pockets

## FLAMEGUARD MK3 SOLAS SUIT

The Flameguard Mk3 suit is a two-piece garment constructed in aluminised fire resistant cotton to EN532. The jacket has a stand-up collar, elasticated cuffs, and is closed by 50mm wide touch and close fastening to the front and collar.

The trousers have 25mm webbing braces with plastic adjusters to fit a wide range of wearers. The lower leg is elasticated.

One size only.



Code	Description
FIR2900	Flameguard MK3 SOLAS Suit - Complete
FIR3005	Flameguard MK3 SOLAS Suit - Jacket
FIR3010	Flameguard MK3 SOLAS Suit - Trousers
FIR3040	Flameguard MK3 SOLAS Suit - Valise



DRAGER  
PSS RANGE

The Drager PSS Range is a high performance breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, it is designed for applications where simplicity and ease of use are essential. Lightweight yet robust and easy to don, this breathing apparatus provides the ultimate in breathing protection.



Code	Description
FIR2015	Drager PSS4000
FIR5155	Drager PSS3000



TALLY BOARD

Designed to allow the simple tracking of breathing apparatus.

Available in 4 person or 12 person options. Please note image is of the 4 person board only.

Code	Description
FIR4500	4 Tally
FIR4510	12 Tally



NOMEX  
ANTI-FLASH  
HOOD & GLOVES

Provides protection to the head, neck, face and hands from short-duration flame exposure and heat.



Code	Description
FIR3370	Nomex Anti-Flash Hood & Gloves - Open Face Hood
FIR3375	Nomex Anti-Flash Hood & Gloves - Closed Face Hood
FIR3365	Nomex Anti-Flash Hood & Gloves - Nomex Anti Flash Gloves

DRAGER COMPRESSED AIR  
CYLINDERS

Ocean Safety offer a full range of Drager cylinders, including 200 bar and 300 bar steel and composite cylinders.

Contact our service dept for further information.



AVD FIRE  
SUPPRESSION KIT

The Sea-Fire AVD Suppression Kit is the perfect solution for the effective control and suppression of Lithium-ion battery fires. Equipped with a choice of Sea-Fire AVD extinguishers this fire resistant bag is designed using technical fabrics to withstand temperatures in excess of 1,000°C.

- Fire resistant bag with flame arrestor
- Safety gloves
- Safety glasses
- N.B. Colour of gloves may vary due to stock availability



Code	Description
FIR0211	AVD Fire Suppression Kit - 2L
FIR0201	AVD Fire Suppression Kit - 500ml / 1L

DRAGER PARAT® 5520/5530 FIRE  
ESCAPE HOOD

The fire escape hood is designed to help you escape fire safely by filtering out toxic smoke and fumes allowing you to breathe safely for at least 15 minutes.



Code	Description
FIR6000	Drager Parat® 5520/5530 Fire Escape Hood

PALM BUDDY GLOVES

Designed to give a comfortable and flexible feel while maintaining the high degree of protection required by EN659:2003+AI.

The PalmBuddy Gloves have a waterproof, breathable lining which also enhances their chemical resistance. Protection against penetration and cuts is provided by the Kevlar lining.

Tested and approved to EN:659:2003 and AI and MED 96/98/EC as modified.

Code	Description
FIR3137	Palm Buddy Gloves



PRO BUDDY  
HELMET MED

Constructed from flame retardant high temperature resistant copolymer plastic, European standards conformity (EN 443/1997) and polycarbonate anti-scratch and anti-fog coated visor.



Code	Description
FIR3132	Pro Buddy Helmet MED

DRAGER HPS7000 FIRE  
HELMET & COMMS

The multipurpose Dräger HPS® 7000 firefighter's helmet offers an innovative, sporty and dynamic design, and designed to work with ICOM IC-F3202 and IC-F4202.



Code	Description
FIR2020	Drager HPS7000 Fire Helmet
FIR2000	Drager Molex Connector ATEX requirements
FIR2005	Drager push to talk unit to fit ICOM VHF radio

SEMMCO MARINE 15 EEBD

The Marine 15 EEBD is a self-contained, short duration, chemical oxygen (O2) breathing apparatus. It provides a supply of fresh oxygen so that the wearer can breathe freely in a contaminated or oxygen deficient environment, ensuring a quick and safe escape.

The Marine 15 EEBD provides a:

- 15 minutes duration for escape
- 60 minutes duration at rest

It is contained in an orange, rigid case, that is discarded once it is in use.

FEATURES

- Automatic start – instant O2 supply once the EEBD is removed from the carry case
- 15 minutes duration for escape; 60 minutes duration at rest
- Quick and simple to don
- Lightweight - 2kg (with case) 1.3kg (without case)
- Easy to move around when wearing the set
- Clear visual indicator on the case confirms EEBD viability
- No face fit test required
- Highly visible breathing bag
- Clear face shield providing panoramic vision
- Fits existing storage systems
- Up to 15 year shelf-life. MED approved for both UKCA & CE



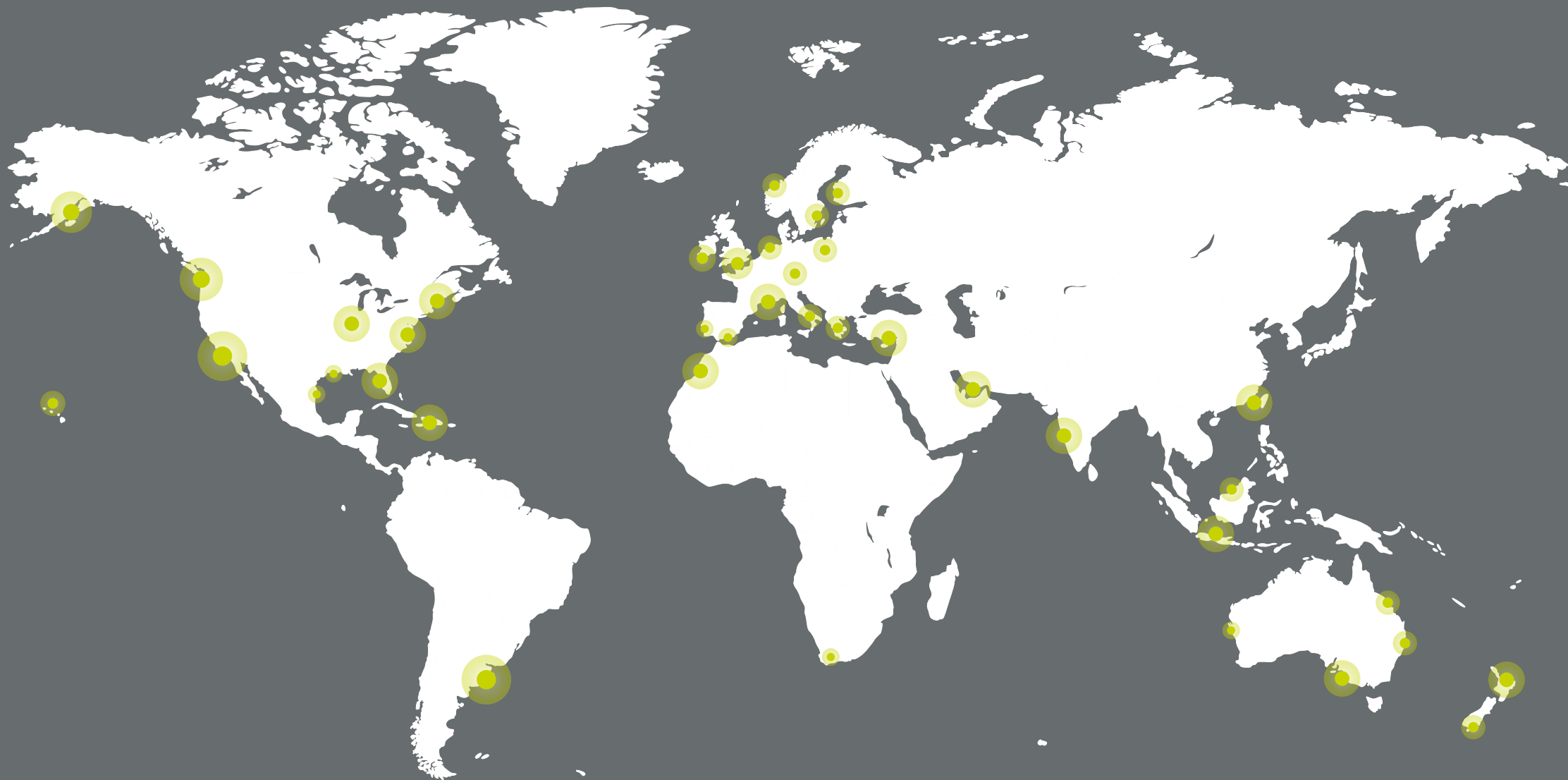
Code	Description
FIR1100	Semmco Marine 15 EEBD
FIR1102	Bracket

# GLOBAL SERVICE STATION NETWORK

The Ocean Safety products are supported by an ever increase worldwide service station network. Each service station has uniquely trained certificated technicians, which support our customers globally. The service stations have an agreement to hold the appropriate tools & spares to carry out servicing required. Each service station has access to the appropriate service manuals and technical support.

To find the location of our service stations and what they are certificated to service visit:

[www.oceansafety.com/servicing](http://www.oceansafety.com/servicing)



GLOBAL SERVICE NETWORK



## HIRE

Ocean Safety work with our customers to provide a hire solution that fulfils their requirements for onboard safety, while working in demanding environments, whilst keeping safety equipment compliant, serviced and in line with international regulations can be time consuming.



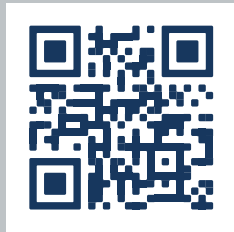
## SERVICING

Ocean Safety offer servicing on a wide range of marine products including; liferafts, lifejackets, survival suits, EPIRBS, SARTs, breathing apparatus, fire safety equipment and man overboard systems. All of which are serviced by qualified and experienced professionals at all of our branches throughout the year.



## DIGITAL DOWNLOAD

To view and download a digital version of this brochure, please scan this QR code.





## OCEAN SAFETY LIMITED TERMS AND CONDITIONS

Please read the following important terms and conditions before you purchase any goods and/or services from us

### 1 INFORMATION ABOUT US AND HOW TO CONTACT US

**Who we are.** We are **Ocean Safety Limited** a company registered in England and Wales. Our company registration number is **2880054** and our registered office is at **Saxon Wharf, Lower York Street, Southampton, SO14 5QF, UK**. Our registered VAT number is **787436087**.

**How to contact us.** You can contact us by telephoning our customer service team at **+44 (0) 23 8072 0800** or by writing to us at **info@oceansafety.com Saxon Wharf, Lower York Street, Southampton, SO14 5QF, UK** . We may record calls for quality and training purposes.

**How we may contact you.** If we have to contact you we will do so by telephone or by writing to you at the email address or postal address you provided to us in your order. If we have to contact you, we will do so by e-mail or by pre-paid post to the address you provided to us in your order.

### 2 ARE YOU A BUSINESS CUSTOMER OR A CONSUMER?

In some areas you will have different rights under these terms depending on whether you are a business or consumer. You are a consumer if:

- You are an individual.
  - You are buying products from us wholly or mainly for your personal use (not for use in connection with your trade, business, craft or profession).
- Provisions specific to **consumers only are in blue** and those specific to **businesses only are in red**. All provisions in black apply to both consumers and businesses.

### 3 THESE TERMS

**3.1 What these terms cover.** These are the terms and conditions on which we will supply goods and/or services to you.

**3.2 Why you should read them.** Please read these terms carefully before you submit your order to us. These terms tell you who we are, how we will provide goods and/or services to you, how you and we may change or end the contract, what to do if there is a problem and other important information. If you think that there is a mistake in these terms, please contact us to discuss.

**3.3 If you are a business customer this is our entire agreement with you. If you are a business customer these terms constitute the entire agreement between us in relation to your purchase. You acknowledge that you have not relied on any statement, promise, representation, assurance or warranty made or given by or on behalf of us which is not set out in these terms and that you shall have no claim for innocent or negligent misrepresentation or negligent misstatement based on any statement in this agreement.**

### 4 MAKING AN ORDER AND CONTRACT FORMATION

**4.1 Acknowledging receipt of your order.** After you place an order, you will receive an e-mail from us acknowledging that we have received your order. However, please note that this does not mean that your order has been accepted.

**4.2 How we will accept your order.** Our acceptance of your order will take place when we either tell you in person that we are able to provide you with the goods and/or services or if we email, write or call you to accept it, at which point a contract between you and us will come into existence.

**4.3 If we cannot accept your order.** If we are unable to accept your order, we will inform you of this and will not charge you for the goods and/or services. This might be because a) the goods are out of stock, b) because of unexpected limits on our resources which we could not reasonably plan for, c) because a credit reference we have obtained for you does not meet our minimum requirements, d) because we have identified an error in the price or description of the goods and/or services or e) because we are unable to meet a delivery deadline or perform the services on the date you have specified.

**Your order number.** We will assign an order number to your order and tell you what it is when we accept your order. It will help us if you can tell us the order number whenever you contact us about your order.

### 5 OUR GOODS

**5.1 Goods may vary slightly from their pictures.** The images of the goods on our website or in our brochure are for illustrative purposes only. Although we have made every effort to display the colours accurately, we cannot guarantee that a device's display of the colours or a picture in our brochure accurately reflects the colour of the goods. Your goods may vary slightly from those images.

**5.2 Goods packaging may vary.** The packaging of the goods may vary from that shown in images on our website or in our brochure.

**5.3 Making sure your specifications are accurate.** If you require us to provide goods and/or services bespoke to your requirements or

measurements, you will responsible for ensuring that the specification is accurate.

### 6 YOUR RIGHTS TO MAKE CHANGES

**6.1** If you wish to make a change to the goods and/or services you have ordered please contact us. We will let you know if the change is possible. If it is possible we will let you know about any changes to the price of the goods and/or services, the timing of supply or anything else which would be necessary as a result of your requested change and ask you to confirm whether you wish to go ahead with the change.

**6.2** If we cannot make the change or the consequences of making the change are unacceptable to you, you may want to cancel the contract (see clause 9 Your rights to cancel the contract).

### 7 OUR RIGHTS TO MAKE CHANGES

**7.1 Changes to the goods and/or services and these terms.** As either told to you over the telephone or in the course of email exchanges or as set out on our website and brochure, we may change the goods and/or services to reflect changes in relevant laws and regulatory requirements. We may also amend these terms from time to time and if we do so we will notify you before the changes take effect. If you do not agree to the changes, you may contact us to end the contract and receive a refund for any goods and/or services paid for but not received.

### 8 PROVIDING THE GOODS AND/OR SERVICES

**8.1 Delivery costs.** The costs of delivery will be as told to you over the telephone or in the course of email exchanges or as set out on our website and brochure.

**8.2 Packaging costs.** A packaging charge may be added to all orders for delivery. The costs of packaging will be as told to you over the telephone or in the course of email exchanges or as set out on our website and brochure.

**8.3 When we will provide the goods and/or services.** During the order process we will let you know when we will provide the goods and/or services to you. If the services are ongoing services, we will also tell you during the order process when and how you can cancel the contract.

#### 8.3.1 In respect of goods

**a) If you are a consumer, we will deliver them to you as soon as reasonably possible and in any event within 30 days after the day on which we accept your order.**

**b) If you are a business customer, the delivery date will be as told to you over the telephone, in order confirmation, or in the course of email exchanges and may be updated from time to time.**

**8.3.2 In respect of services** on the date agreed with you during the order process. The estimated completion date for the services is as told to you during the order process.

**8.3.3 If the services are ongoing services** we will supply the services to you until either the services are completed or you end the contract as described in clause 9 or we end the contract by written notice to you as described in clause 11.

**8.4 We are not responsible for delays outside our control.** If our supply of the goods and/or services is delayed by an event outside our control then we will contact you as soon as possible to let you know and we will take steps to minimise the effect of the delay. Provided we do this we will not be liable for delays caused by the event, but if there is a risk of substantial delay you may contact us to end the contract and receive a refund for any goods and/or services you have paid for but not received.

**8.5 Collection by you.** If you have asked to collect the goods from our premises, you can collect them from us at any time during our working hours of 8.30 to 17.00 Monday to Thursday and 08.30 to 16.00 on Friday's (excluding public holidays).

**8.6 If you are not at home when the goods are delivered.** If no one is available at your address to take delivery and the goods cannot be posted through your letterbox, we will leave you a note informing you of how to rearrange delivery or collect the goods from a local depot.

**8.7 If you do not re-arrange delivery.** If you do not collect the goods from us as arranged or if, after a failed delivery to you, you do not re-arrange delivery or collect them from a delivery depot we will contact you for further instructions and may charge you for storage costs and any further delivery costs. If, despite our reasonable efforts, we are unable to contact you or re-arrange delivery or collection we may cancel your order and clause 10.2 will apply.

**8.8 When you become responsible for the goods.** The goods will be your responsibility from the time we deliver the goods to the address you gave us or you collect it from us.

**8.9 When you own goods.** You own the goods once we have received payment in full.

**8.10 If you do not allow us access to provide services.** If you do not allow us access to your property to perform the services as arranged (and you do not have a good reason for this) we may charge you additional costs incurred by us as a result. If, despite our reasonable efforts, we are unable

to contact you or re-arrange access to your property we may cancel the contract and clause 10.2 will apply.

**8.11 What will happen if you do not give required information to us.** We may need certain information from you so that we can supply the goods and/or services to you, for example, special measurement information. If so, we will contact you to ask for this information. If you do not give us this information within a reasonable time of us asking for it, or if you give us incomplete or incorrect information, we may either end the contract (and clause 10.2 will apply) or make an additional charge of a reasonable sum to compensate us for any extra work that is required as a result. We will not be responsible for supplying the goods and/or services late or not supplying any part of them if this is caused by you not giving us the information we need within a reasonable time of us asking for it.

**8.12** Reasons we may suspend the supply of goods and/or services to you. We may have to suspend the supply of a goods and/or services to:

**8.12.1** deal with technical problems or make minor technical changes;

**8.12.2** update the goods to reflect changes in relevant laws and regulatory requirements;

**8.12.3** make changes to the goods and/or services as requested by you or notified by us to you (see clause 6).

**8.13 Your rights if we suspend the supply of services.** We will contact you in advance to tell you we will be suspending supply of the services, unless the problem is urgent or an emergency. If we have to suspend the services for longer than 60 days we will adjust the price so that you do not pay for services while they are suspended. You may contact us to end the contract for a services if we suspend it, or tell you we are going to suspend it, in each case for a period of more than 60 days and we will refund any sums you have paid in advance for the services in respect of the period after you end the contract.

**8.14 We may also suspend supply of the goods and/or services if you do not pay.** If you do not pay us for the goods and/or services when you are supposed to (see clause 14.4) and you still do not make payment within 14 days of us reminding you that payment is due, we may suspend supply of the goods and/or services until you have paid us the outstanding amounts. We will contact you to tell you we are suspending supply of the goods and/or services. We will not suspend the goods and/or services where you dispute the unpaid invoice (see clause 15.6). We will not charge you for any services during the period for which they are suspended. As well as suspending the goods and/or services we can also charge you interest on your overdue payments (see clause 15.5).

**8.15 Certification.** When we have carried out any repair and/or servicing to Your goods, we will provide you with a certificate of conformity or service certificate as appropriate.

### 9 YOUR RIGHTS TO END THE CONTRACT

**9.1** Your rights when you end the contract will depend on what you have bought, whether there is anything wrong with it, how we are performing, when you decide to end the contract and whether you are a consumer or business customer.

**9.2 Exercising your right to change your mind if you are a consumer. If you are a consumer then for most goods and/or services bought online, over the telephone, by mail/fax order or by exchange of emails, you have a legal right to change your mind within 14 days and receive a refund.**

**9.3 How long do you have to change your mind if you are a consumer? If you are a consumer how long you have depends on what you have ordered and how it is delivered.**

**9.3.1 Have you bought services? If so, you have 14 calendar days after the day we email you to confirm we accept your order. However, once we have completed the services you cannot change your mind, even if the period is still running. If you cancel after we have started the services, you must pay us for the services provided up until the time you tell us that you have changed your mind.**

**9.3.2 Have you bought goods? If so you have 14 calendar days after the day you (or someone you nominate) receives the goods, unless: (i) Your goods are split into several deliveries over different days. In this case you have until 14 calendar days after the day you (or someone you nominate) receives the last delivery to change your mind about the goods.**

**9.4 When consumers do not have the right to change their minds. Your right as a consumer to change your mind does not apply in respect of:**

**9.4.1 business customers who purchase goods and/or services;**

**9.4.2 contracts formed at our premises;**

**9.4.3 services, once these have been completed, even if the cancellation period is still running;**

**9.4.4 goods sealed for health protection or hygiene purposes, once these have been unsealed after you receive them; and**

**9.4.5 any goods which become mixed inseparably with other items after their delivery.**

**9.5 Ending the contract where we are not at fault and it is after the**

**14 day cooling off period.** Even if we are not at fault and you do not have a right to change your mind (see clause 8.4), you can still end the contract before it is completed, but you may have to pay us compensation. Please contact us to let us know. A contract for goods is completed when the goods is delivered and paid for. A contract for services is completed when we have finished providing the services and you have paid for them.

**9.6** When the contract will end. The contract will end immediately and we will refund any sums paid by you for goods and/or services not provided but we may deduct from that refund (or, if you have not made an advance payment, charge you) reasonable compensation for the net costs we will incur as a result of your ending the contract.

**9.7** Ending the contract because of something we have done or are going to do. If you are ending a contract for a reason set out at 9.7.1 to 9.7.5 below the contract will end immediately and we will refund you in full for any goods and/or services which have not been provided and you may also be entitled to compensation. The reasons are:

**9.7.1** we have told you about an upcoming change to the goods and/or services or these terms which you do not agree to (see clause 6.1);

**9.7.2** we have told you about an error in the price or description of the goods and/or services you have ordered and you do not wish to proceed;

**9.7.3** there is a risk that supply of the goods and/or services may be significantly delayed because of events outside our control;

**9.7.4** we have suspended supply of the goods and/or services for technical reasons, or notify you we are going to suspend them for technical reasons, in each case for a period of more than 60 days; or

**9.7.5** you have a legal right to end the contract because of something we have done wrong.

**10 HOW TO END THE CONTRACT WITH US (INCLUDING IF YOU ARE A CONSUMER EXERCISING YOUR 14 DAY RIGHT TO CHANGE YOUR MIND)**

**10.1 Tell us you want to end the contract.** To end the contract with us, please let us know by doing one of the following:

**10.1.1 Phone or email.** Call customer services on the details set out at the beginning of these terms. Please provide your name, home address, details of the order and, where available, your phone number and email address. **10.1.2 By post.** Write to us at Ocean Safety, Saxon Wharf, Lower York Street, Southampton, SO14 5QF, UK including details of what you bought, when you ordered or received it and your name and address.

**10.2 Returning goods after ending the contract.**

**10.2.1** If you end the contract for any reason after goods have been dispatched to you or you have received them, you must return them to us. You must either return the goods in person to where you bought them, post them back to us at Ocean Safety, Saxon Wharf, Lower York Street, Southampton, SO14 5QF, UK or (if they are not suitable for posting) allow us to collect them from you. Please call customer services on the details at the beginning of these terms for a return label or to arrange collection.

**10.2.2 If you are a consumer exercising your right to change your mind you, must send off the goods within 14 days of telling us you wish to end the contract.**

**10.3 Who will pay the costs of return.** We will pay the costs of return: **10.3.1** if the goods and/or services are faulty or misdescribed; or **10.3.2** if you are ending the contract because we have told you of an upcoming change to the goods and/or services or these terms, an error in pricing or description, a delay in delivery due to events outside our control or because you have a legal right to do so as a result of something we have done wrong; or **10.3.3 if you are a consumer exercising your 14 day right to change your mind.**

In all other circumstances (including where you are a consumer exercising your right to change your mind) you must pay the costs of return.

**10.4 What we charge for collection.** If you are responsible for the costs of return and we are collecting the goods from you, we will charge you the direct cost to us of collection. The costs of collection will be the same as our charges for standard delivery, as told to you over the telephone or in the course of email exchanges or as may be set out in our brochure or our website.

**10.5 How we will refund you.** We will refund you the price you paid for the goods and/or services including delivery costs, by the method you used for payment. However, we may make deductions from the price, as described below.

**10.6 When we may make a deduction from refunds if you are a consumer exercising your 14 day right to change your mind. If you are exercising your right to change your mind:**

**10.6.1 We may reduce your refund of the price (excluding delivery costs) to reflect any reduction in the value of the goods, if this has been caused by your handling them in a way which would not be permitted e.g. because you failed to follow our oral or written instructions as to the storage, installation, commission-**

ing, use or maintenance of the good. If we refund you the price paid before we are able to inspect the goods and later discover you have handled them in an unacceptable way, you must pay us an appropriate amount.

**10.6.2 The maximum refund for delivery costs will be the costs of delivery by the least expensive delivery method we offer. For example, if we offer delivery of a good within 3-5 days at one cost but you choose to have the good delivered within 24 hours at a higher cost, then we will only refund what you would have paid for the cheaper delivery option.**

**10.6.3 If you have purchased a service, we may deduct from any refund an amount for the supply of the service for the period for which it was supplied, ending with the time when you told us you had changed your mind. The amount will be in proportion to what has been supplied, in comparison with the full coverage of the contract.**

**10.7 When your refund will be made.**

**10.7.1 If you are a consumer exercising your right to change your mind then:**

**a) If you have purchased goods and we have not offered to collect them, your refund will be made within 14 days from the day on which we receive the goods back from you or, if earlier, the day on which you provide us with evidence that you have sent the goods back to us. For information about how to return a goods to us, see clause 9.2.**

**b) In all other cases, your refund will be made within 14 days of your telling us you have changed your mind.**

**10.7.2 If you are a business customer, we will make any refunds due to you as soon as possible.**

## II OUR RIGHTS TO END THE CONTRACT

**11.1 We may end the contract if you break it.** We may end the contract for goods and/or services at any time by writing to you if:

**11.1.1** you do not make any payment to us when it is due and you still do not make payment within 14 days of us reminding you that payment is due;

**11.1.2** you do not, within a reasonable time of us asking for it, provide us with information that is necessary for us to provide the goods and/or services, for example, measurement information;

**11.1.3** you do not, within a reasonable time, allow us to deliver the goods and/or services to you or collect them from us; or

**11.1.4** you do not, within a reasonable time, allow us access to your premises to supply the services.

**11.2 If you are a business customer, we may also end the contract for goods and/or services at any time in writing:**

**11.2.1 if you are subject to bankruptcy or liquidation event;**

**11.2.2 if you commit a material breach of these terms and that breach is irremediable or (if that breach is remediable) fails to remedy that breach within a period of 30 days after being notified in writing to do so;**

**11.2.3 you repeatedly breach any of these terms in such a manner to reasonably justify the opinion that its conduct is inconsistent with it having the intention or ability to give effect to the terms of these terms;**

**11.2.4 by providing you with 30 days' notice.**

**11.3 You must compensate us if you break the contract.** If we end the contract in the situations set out in clause 10.1 we will refund any money you have paid in advance goods and/or services we have not provided but we may deduct or charge reasonable compensation for the net costs we will incur as a result of your breaking the contract.

**11.4 We may withdraw the goods and/or services.** We may write to you to let you know that we are going to stop providing the goods and/or services. We will let you know at least 10 working days in advance of our stopping the supply of the goods and/or services and will refund any sums you have paid in advance for goods and/or services which will not be provided.

## 12 IF THERE IS A PROBLEM WITH THE GOODS AND/OR SERVICES

**12.1 How to tell us about problems.** If you have any questions or complaints about the goods and/or services, please contact our customer service team on the details at the beginning of these terms. Alternatively, please speak to one of our staff in-store.

## 13 YOUR RIGHTS IN RESPECT OF DEFECTIVE GOODS AND/OR SERVICES IF YOU ARE A CONSUMER

**13.1 Summary of your legal rights. If you are a consumer, we are under a legal duty to supply goods and/or services that are in conformity with this contract. You are also entitled to certain key legal rights in respect of the goods and/or services. For detailed information of these rights please visit the Citizens Advice website [www.adviceguide.org.uk](http://www.adviceguide.org.uk) or call 03454 04 05 06. Nothing in these terms will affect your legal rights.**

**13.2 Your obligation to return rejected goods. If you wish to exercise your legal rights to reject goods you must either return them in person to where you bought them, post them back to us or (if they are not suitable for posting) allow us to collect them from you. We will pay the costs of postage or collection. Please call customer services on the details at the beginning of these terms for a return label or to arrange collection.**

## 14 YOUR RIGHTS IN RESPECT OF DEFECTIVE GOODS IF YOU ARE A BUSINESS

**14.1 If you are a business customer we warrant that on delivery and for a period of 12 months from the date of delivery (warranty period),] any goods shall:**

**14.1.1 conform in all material respects with their description; and**

**14.1.2 be free from material defects in design, material and workmanship.**

**14.2 Subject to clause 13.3, if:**

**14.2.1 you give us notice in writing during the warranty period within a reasonable time of discovery that a good does not comply with the warranty set out in clause 13.1;**

**14.2.2 we are given a reasonable opportunity of examining such product; and**

**14.2.3 you return such good to us at our cost,**

**we shall, at our option, repair or replace the defective good, or refund the price of the defective good in full.**

**14.3 We will not be liable for a good's failure to comply with the warranty in clause 13.1 if:**

**14.3.1 you make any further use of such good after giving a notice in accordance with clause 13.2.1;**

**14.3.2 the defect arises because you failed to follow our oral or written instructions as to the storage, installation, commissioning, use or maintenance of the good or (if there are none) good trade practice;**

**14.3.3 the defect arises as a result of us following any drawing, design or specification supplied by you;**

**14.3.4 you alter or repair the product without our written consent; or**

**14.3.5 the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal working conditions.**

**14.4 Except as provided in this clause 14, we shall have no liability to you in respect of a good's failure to comply with the warranty set out in clause 14.1.**

**14.5 These terms shall apply to any repaired or replacement good supplied by us under clause 14.2.**

## 15 PRICE AND PAYMENT

**15.1 Where to find the price for the goods and/or services.** The price of the goods and/or services (which includes VAT) will be the price told to you over the telephone or in the course of email exchanges or as set out on our website and brochure. We take all reasonable care to ensure that the price of the goods and/or services advised to you is correct. However please see clause 15.3 for what happens if we discover an error in the price of the goods and/or services you order.

**15.2 We will pass on changes in the rate of VAT.** If the rate of VAT changes between your order date and the date we supply the goods and/or services, we will adjust the rate of VAT that you pay, unless you have already paid for the goods and/or services in full before the change in the rate of VAT takes effect.

**15.3 What happens if we got the price wrong.** It is always possible that, despite our best efforts, some of the goods and/or services we sell may be incorrectly priced. We will normally check prices before accepting your order so that, where the goods and/or services' correct price at your order date is less than our stated price at your order date, we will charge the lower amount. If the goods and/or services' correct price at your order date is higher than the price stated to you, we will contact you for your instructions before we accept your order. If we accept and process your order where a pricing error is obvious and unmistakable and could reasonably have been recognised by you as a mispricing, we may end the contract, refund you any sums you have paid and require the return of any goods provided to you.

**15.4 When you must pay and how you must pay.** We accept payment with Visa and Mastercard. When you must pay depends on what goods and/or services you are buying:

**15.4.1 For goods,** you must pay for the goods before we dispatch them. We will not charge your credit or debit card until we dispatch the goods to you.

**15.4.2 For services,** you may be asked to make an advance payment of a percentage of the price of the services, before we start providing them. We will invoice you for the balance of the price of the services when we have completed them **Or** we will invoice you weekly **in advance** for the services until the services are completed] You must pay each invoice within 30 calendar days after the date of the invoice.

**15.5 We can charge interest if you pay late.** If you do not make any payment to us by the due date we may charge interest to you on the overdue amount at the rate of 2% a year above the base lending rate of the Bank of England from time to time. This interest shall accrue on a daily basis from the due date until the date of actual payment of the overdue amount, whether before or after judgment. You must pay us interest together with any overdue amount.

**15.6 What to do if you think an invoice is wrong.** If you think an invoice is wrong please contact us promptly to let us know. You will not have to pay any interest until the dispute is resolved. Once the dispute is resolved we will charge you interest on correctly invoiced sums from the original due date.

**15.7 Our right of set-off if you are a business customer. If you are a business customer you must pay all amounts due to us under these terms in full without any set-off, counterclaim, deduction or withholding (other than any deduction or withholding of tax as required by law).**

## 16 OUR RESPONSIBILITY FOR LOSS OR DAMAGE SUFFERED BY YOU IF YOU ARE A CONSUMER

**16.1 We are responsible to you for foreseeable loss and damage caused by us. If we fail to comply with these terms, we are responsible for loss or damage you suffer that is a foreseeable result of our breaking this contract or our failing to use reasonable care and skill, but we are not responsible for any loss or damage that is not foreseeable. Loss or damage is foreseeable if either it is obvious that it will happen or if, at the time the contract was made, both we and you knew it might happen, for example, if you discussed it with us during the sales process.**

**16.2 We do not exclude or limit in any way our liability to you where it would be unlawful to do so. This includes liability for:**

**16.2.1 death or personal injury caused by our negligence or the negligence of our employees, agents or subcontractors;**

**16.2.2 for fraud or fraudulent misrepresentation;**

**16.2.3 for breach of your legal rights in relation to the goods and/or services including the right to receive goods and/or services which are:**

**a)as described and match information we provided to you and any sample or model seen or examined by you;**

**b) of satisfactory quality;**

**c) fit for any particular purpose made known to us;**

**d) supplied with reasonable skill and care and, where installed by us, correctly installed; and**

**16.2.4 for defective goods and/or services under the Consumer Protection Act 1987.**

**16.3 When we are liable for damage to your property. If we are providing services in your property, we will make good any damage to your property caused by us while doing so. However, we are not responsible for the cost of repairing any pre-existing faults or damage to your property that we discover while providing the services.**

**16.4 We are not liable for business losses. We only supply the goods and/or services for domestic and private use. If you use the goods and/or services for any commercial, business or re-sale purpose we will have no liability to you for any loss of profit, loss of business, business interruption, or loss of business opportunity.**

## 17 OUR RESPONSIBILITY FOR LOSS OR DAMAGE SUFFERED BY YOU IF YOU ARE A BUSINESS

**17.1 Nothing in these terms shall limit or exclude our liability for:**

**17.1.1 death or personal injury caused by our negligence, or the negligence of our employees, agents or subcontractors (as applicable);**

**17.1.2 fraud or fraudulent misrepresentation;**

**17.1.3 breach of the terms implied by section 12 of the Sale of Goods Act 1979 or section 2 of the Supply of Goods and Services Act 1982; or**

**17.1.4 defective products under the Consumer Protection Act 1987; or**

**17.1.5 any matter in respect of which it would be unlawful for us to exclude or restrict liability.**

**17.2 Except to the extent expressly stated in clause 14.1 all terms implied by sections 13 to 15 of the Sale of Goods Act 1979 and sections 3 to 5 of the Supply of Goods and Services Act 1982 are excluded.**

**17.3 Subject to clause 17.1:**

**17.3.1 we shall not be liable to you, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, or any indirect or consequential loss arising under or in connection with any contract between us; and**

**17.3.2 our total liability to you for all other losses arising under or in connection with any contract between us, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall be limited to 100% of the total sums paid by you for products**

**under such contract.**

## 18 HOW WE MAY USE YOUR PERSONAL INFORMATION

**How we may use your personal information.** We will only use your personal information as set out in our privacy policy available on our website [www.oceansafety.com](http://www.oceansafety.com). Other important terms

**18.1 We may transfer this agreement to someone else.**

We may transfer our rights and obligations under these terms to another organisation. We will contact you to let you know if we plan to do this. If you are unhappy with the transfer you may contact us to end the contract within 1 month of us telling you about it and we will refund you any payments you have made in advance for goods and/or services not provided.

**18.2 You need our consent to transfer your rights to someone else.**

You may only transfer your rights or your obligations under these terms to another person if we agree to this in writing.

**18.3 Nobody else has any rights under this contract.** This contract is between you and us. No other person shall have any rights to enforce any of its terms.

**18.4 If a court finds part of this contract illegal, the rest will continue in force.** Each of the paragraphs of these terms operates separately. If any court or relevant authority decides that any of them are unlawful, the remaining paragraphs will remain in full force and effect.

**18.5 Even if we delay in enforcing this contract, we can still enforce it later.** If we do not insist immediately that you do anything you are required to do under these terms, or if we delay in taking steps against you in respect of your breaking this contract, that will not mean that you do not have to do those things and it will not prevent us taking steps against you at a later date.

**18.6 Which laws apply to this contract and where you may bring legal proceedings.**

**18.6.1 If you are a consumer: These terms are governed by English law and you can bring legal proceedings in respect of the goods and/or services in the English courts. If you live in Scotland you can bring legal proceedings in respect of the goods and/or services in either the Scottish or the English courts. If you live in Northern Ireland you can bring legal proceedings in respect of the goods and/or services in either the Northern Irish or the English courts.**

**18.6.2 If you are a business. Any dispute or claim arising out of or in connection with a contract between us or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales and the courts of England and Wales shall have exclusive jurisdiction to settle any such dispute or claim.**





## **HEAD OFFICE SOUTHAMPTON**

**Ocean Safety Ltd**  
Saxon Wharf  
Lower York Street  
Southampton  
SO14 5QF  
United Kingdom

Tel: +44(0) 2380 720 800  
Email: [info@oceansafety.com](mailto:info@oceansafety.com)  
[www.oceansafety.com](http://www.oceansafety.com)

## **USA**

**Revere Survival Inc.**  
5323 Highway Ave  
Jacksonville  
FL 32254  
USA

Tel: +1 (904) 503-9733  
Email: [sales@reveresurvival.com](mailto:sales@reveresurvival.com)  
[www.reveresurvival.com](http://www.reveresurvival.com)

## **ABERDEEN**

**Ocean Safety Ltd**  
Units 3 & 4  
Altens Trade Park  
Souterhead Road  
Altens Industrial Estate  
Aberdeen  
AB12 3ZS  
United Kingdom

Email: [aberdeen@oceansafety.com](mailto:aberdeen@oceansafety.com)  
Tel: +44 (0) 1224 871 764

## **PLYMOUTH**

**Ocean Safety Ltd**  
Unit 6, Eastern Wood Road,  
Langage Business Park,  
Plympton  
Plymouth  
Devon  
PL7 5ET  
United Kingdom

Email: [plymouth@oceansafety.com](mailto:plymouth@oceansafety.com)  
Tel: +44 (0)1752 341 787

## **GLASGOW**

**Ocean Safety Ltd**  
Unit 3, Carnock Street  
Greenock  
Inverclyde  
PA15 1HB  
United Kingdom

Email: [glasgow@oceansafety.com](mailto:glasgow@oceansafety.com)  
Tel: +44 (0) 1475 729 075

### **Disclaimer**

The content of this brochure is considered to be true and correct at the time of print, however changes to product and legislation after the time of print may impact on the accuracy of the information. This could change without notice. Ocean Safety is not liable for the accuracy of the information printed or stored by a user.