

Annex 3 - Products technical specifications.

Item # 1: Air cylinder inflation for inflatable watercraft

Rapid Boat inflation kit must be designed to function with Rescue X-Sled, Rescue Rafts, Pathways and House Evacuation Sled. The System must operate with either 200 or 300 Din Fittings.

The inflation kit must be set to maximum 9.0 -10 bar, come fitted with 35" EN-250 hose assembly and Lea field screw fit valve adaptor.

Prices must include storage bag and certificate of conformity

Illustrative picture:



Item # 2: Air Lifting Bag, 7.5MT

Paratech Maxiforce air bag, KP8 or equivalent.

The MaxiForce® Air Lifting Bag must be a thin, strong and molded envelope. Must be made from 3 layers of Neoprene covered Aramid fiber reinforcement. Control equipment and components play a critical role in successful lifting bag use. Must assure the quality of the lifting bag system from inflation to deflation.

Specifications:

Dimensions in / mm	Max Lift US Ton / Met Ton	Max Lifting Height in / mm	Weight lb / kg
12x12x7/8 305x305x22	8.2/7.5	6.4/163	5.5/2.5

Illustrative picture:



Item # 3: Air Lifting Bag, 23.2MT

Paratech Maxiforce air bag, KP22 or equivalent.

The MaxiForce® Air Lifting Bag must be a thin, strong and molded envelope. Must be made from 3 layers of Neoprene covered Aramid fiber reinforcement. Control equipment and components play a critical role in successful lifting bag use. Must assure the quality of the lifting bag system from inflation to deflation.

Specifications:

Dimensions in / mm	Max Lift US Ton / Met Ton	Max Lifting Height in / mm	Weight lb / kg
20x20x7/8 508x508x22	25.6/23.2	10.8/274	15.9/7.2

Illustrative picture:



Item # 4: Air Lifting Bag, 34.4MT

Paratech Maxiforce air bag, KP32 or equivalent.

The MaxiForce® Air Lifting Bag must be a thin, strong and molded envelope. Must be made from 3 layers of Neoprene covered Aramid fiber reinforcement and have the power to lift. Control equipment and components play a critical role in successful lifting bag use. Must assure the quality of the lifting bag system from inflation to deflation.

Specifications:

Dimensions in / mm	Max Lift US Ton / Met Ton	Max Lifting Height in / mm	Weight lb / kg
24x24x7/8 610x610x22	38.0/34.4	13.0/330	22.0/10.0

Illustrative picture:



Item # 5: Air Lifting Bag Inflation unit with hoses (Compatible with Item #2/#3/#4)

The Master Control Kit is a full control kit in a single package. Securely housed within custom foam inserts inside a shock-proof, dust-proof, water-tight hardshell case, are all of the necessary control components for a 2 column, four bag lift. In addition to the core pneumatic control gear, the Master Control Kit also includes accessory fittings and replacement nipples for versatility and equipment repair.

Illustrative picture:



Item # 6: Air monitoring units (O2, H2S, CO, explosivity (Methane), Cl, NH4)

Outfitted with rapid-response MSA XCell® sensors, the ALTAIR 4XR Gas Detector is the toughest 4-gas monitor on the market and is backed by a 4-year warranty. The ALTAIR 4XR can also provide real-time incident awareness to team members, supervisors, safety managers and others when paired with the MSA ALTAIR Connect app via a Bluetooth® wireless connection.

Illustrative picture:



Item # 7: Anchor sling

Adjustable anchor strap:

Must be a durable and adjustable anchor strap equipped with two forged steel attachment points. Must offer several configurations for setting up an anchorage directly on an anchor or around a suitable structure. The strap length must be adjustable, thanks to an adjustment buckle. A system keeps the remaining webbing stowed.

- Abrasion-resistant webbing
- Forged steel attachment points
- Breaking strength: 25 kN
- Certification(s): CE EN 795 B, NFPA 1983 General Use, ANSI Z359.18, CSA Z259.15-17

Specifications:

Length	30-200 cm
Weight	810 g
Guarantee	3 years
Inner Pack Count	1

Illustrative picture:



Item # 8: Attachment for reach pole, boat hook

The Boat Hook is used to push or pull boats towards or away from landings. It is also used to pick up moorings.

Attaching the boat hook attachment is made by sliding it onto the gold collar. This will secure into place with the spring buttons. Extend the pole to desired length and use accordingly.

Illustrative picture:



Item # 9: Attachment for reach pole, body hook

The Body Hook is used for retrieving conscious/unconscious bodies/injured persons away from water. The large rod means no involvement from casualty is necessary.

This attachment must be lightweight but made from strong stainless steel.

Specifications:
Weight: 328g
Length: 500mm
Width opening: 420mm
Material: Aluminium

Illustrative picture:



Item # 10: Attachment for reach pole, clamping float

The Clamping Float attachment attaches to the 1st section of the Rescue Pole.

The main purpose of this attachment is to support the pole on the surface of the water. It also reduces the weight of the pole whilst improving control of the pole on the water. It can also act as a secondary assistance to a casualty.

Specifications:

- Material: Plastic coated foam
- Colour: Yellow
- Weight: 0.8kg
- Length: 30cm
- Diameter: 20cm

Illustrative picture:



Item # 11: Attachment for reach pole, Crook

The Crook must be a highly durable hooking tool designed based on the traditional

'shepherd crook' to enable easy hooking onto the casualty. The design and stainless steel material of this attachment makes it a highly durable hooking tool. Must be safe and effective for human, animal and general retrieval.

The sleeved fitting must be designed to slide over the pole top fitting, which secures it in place using a double sprung button mechanism. Must be used by extending the pole to the casualty with or without the clamping float (depending on distance).

Illustrative picture:



Item # 12: Attachment for reach pole, flotation collar

The Flotation Collar is a buoyancy aid designed to capture and tighten around a casualty. It can also be used to lift a human or animal up to a height, while providing a cushioned hold.

The Flotation Collar must come with a sleeved fitting. Best used for retrieving conscious casualties. Once attached, push the pole to the casualty and they can secure the adjustable flotation collar to themselves. The attachment slides over the pole top fitting, which secures it in place using a double sprung mechanism. The device floats to enable easy reach to the casualty.

Illustrative picture:



Item #13: Attachment for reach pole, GoPro attachment

The Reach and Rescue GoPro Adaptor must attach directly onto all GoPro and similar cameras, enabling you to get closer to the action at height, length or underwater.

Illustrative picture:



Item # 14: Attachment for reach pole, Grappler

The grappling hook used in the removal of flood debris and in boat line grasping.

Designed to slide over the pole top fitting, which secures it in place using a double sprung button mechanism.

Specifications:

- Material: Stainless Steel
- Weight: 550g
- Hook Radius: 12cm
- Length: 2
- Across 2 hooks: 23cm

Illustrative picture:



Item # 15: Attachment for reach pole, line hook

The Line Hook must attach a line to a fixed point at height or across water. It must also be used, for example, to secure a line to a submerged vehicle

Specifications:

- Material: Stainless Steel
- Weight: 1 kg
- Dimensions: 34 x 19.5 x 3cm
- Rope Size: 12mm

Illustrative picture:



Item # 16: Attachment for reach pole, rope blade

The rope blade attachment is used to cut other materials i.e harnesses, strapping, fishing wire and netting.

Safe deployment with capability to sever heavy lines at length.

Specifications:

- Weight - 0.2kg
- Depth - 3cm (mouth opening - 6cm)
- Blade length - Standard "Stanley" blade
- Material - Aluminium

Illustrative picture:



Item # 17: BA Cylinder (compatible with Item #21)

The full composite cylinder must be specifically engineered to minimise the weight you carry during hazardous firefighting operations. Thus, it shall reduce fatigue and increase your agility. Must be a light gas cylinder with a shell weight of 2.8 kg (6.8 l of air/300 bar including impact-resistant caps). Must be designed with PET liner and carbon nanotube technology, offering weight reduction by more than 47 % when compared to steel type 1 cylinders. The combination of lightweight sturdy cylinder material with impact-resistant caps must ensure high durability and solid robustness.

Specifications:

- 6.8L
- 300 bar
- In-Line Ratchet Valve
- Carb. Comp

Illustrative picture:



Item # 18: Boat medical kit (Trauma pack)

The Trauma Pack should be packed with essential equipment as a contingency for medical and trauma management. The pack should contain medical equipment and consumables for initial medical management including items for major trauma, hostile attack, or natural disasters.

Detailed specifications:

Dimensions:

Size: 60cm x 33cm x 25cm

Weight 4.8kg

The Trauma pack must be supplied packed.

Each pack must be easy to access, in a noticeable red bag, and contains the following equipment and quantities:

Tourniquet	4
Blast dressing	4
Olae dressing	4
Haemostatic	2
Shears/scut	2
Chest Seal	4
Oropharengel OP airway	3
Nasopharyngeal various sizes	0
Trauma pack (bag)	1

Illustrative picture:



Item # 19: Body recovery cradle (2m)

The Body Recovery Cradle is a man overboard recovery device. The cradle must have been accepted by the MCA (UK Flag) to be used on all vessel types. It is a maritime recovery system that may be operated by a single crewmember

and used as a boarding ladder, scramble net and stretcher.

Specifications:

Lightweight

Portable

Compact

Multiple uses (recovery cradle, boarding ladder, scramble net, stretcher)

No requirement for annual servicing

3 year manufacturer's warranty

Width - 1.3m

Length - 2m

Weight - 1.6kg per metre

Safe Working Load

Cradle - 150 kgs

Scramble Net - 600 kgs

Illustrative picture:



Item # 20: Adult body recovery manikin

The manikin is a variant of the popular Water Rescue manikin - but instead of floating, it sinks. By balancing the buoyancy against the ballast the manikin must weigh 50kg on land but only 10kg under water. The body recovery model must be visible to sonar devices.

Specifications:

- Anatomically correct weight distribution allowing for realistic body 'bagging' as part of training exercises.
- Must easily withstand a fall of 5 - 6 metres into water with no damage
- Must be constructed using a H/D reinforced Nylon mesh for the carcass and non-absorbent closed cell foam for buoyancy - mesh allows water to flood

into the body to allow it to sink and out as it is being recovered.

- Mesh must allow for ventilation when the manikin hung up to dry - a polypropylene loop to the back of the carcass must allow the manikin to be lowered into position or hung up to dry.
- Realistic face and a wig to enable easier/quicker identification of the body in poor viability when the search is by touch only.
- Must have polyethylene strips running from the shoulders to the knees to allow flexibility but prevent the manikin from bending in half when using stretchers or recovery devices.
- Must have replaceable coveralls and boots easily replaceable to extend the life of the manikin

Illustrative picture:



Item # 21: Breathing Apparatus sets

Breathing apparatus set is a light professional self-contained breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, must be designed for applications where simplicity and ease of use are crucial. Must be lightweight yet robust, and easy to don providing outstanding breathing protection.

Specifications:

- Closed, single piece high tech harness
- Integrated hose
- Stainless steel adjusters
- Pull forward waist adjustment

Illustrative picture:



Item # 22: Casualty rescue hood - rescue device

Must be designed for use by rapid intervention teams, allowing fire fighters to supply air to trapped colleagues or members of the public in hazardous atmospheres.

Must allow the connection of 300 bar CFK cylinders with a capacity of 6 to 9.0 lts.

Specifications:

- Medium pressure hose with strain relief
- Pressure reducer with integrated warning whistle
- Y-piece with low force couplings

Illustrative picture:



Item # 23: Casualty rescue hood

The casualty rescue hood must be used with any breathing apparatus requiring only a second medium pressure connection.

Must be fitted on the inside with a foam pad silencer on the hose connector, reducing the air supply's sound level making it easier to communicate with the person being rescued.

Must be designed to fit all head sizes and accommodate spectacle wearers without the need to remove their glasses.

Must be compact and lightweight, at only 620g, and supplied in a pouch which attaches to the belt of the wearers breathing apparatus, making it easily accessible.

Illustrative picture:



Item # 24: Teardrop casualty shield

The teardrop casualty shield must provide protection for the entrapped casualty from glass and airborne fragments which are generated by cutting tools during emergency rescue and extrication.

Specifications:

- Teardrop shaped for use in confined spaces
- Constructed from Shatterproof polypropylene
- Has Dual Grab handles for easy manipulation
- A slim design for easy storage
- Lightweight

Illustrative picture:



Item # 25: Claw Bruce Anchor Wharp and Chain 2kg

The Claw anchor must be constructed from high grade steel cast in a single piece.

It sets effortlessly and holds in a variety of sea beds. Stows easily in most bow rollers.

Weight: 2kg

Chain: 2m

Illustrative picture:



Item # 26: Cordless angle grinder

High powered 180mm (7") cordless angle grinders powered by two 18V Li-ion batteries in series

- Brushless motor
- Electronic current limiter for overload protection.
- Soft start
- Anti-restart function
- Electric brake
- Active Feedback Sensing Technology (AFT): Shuts down the tool if the rotation speed suddenly slows down
- Automatic Torque Drive Technology: Automatically changes the cutting speed according to load condition for optimum operation
- Ergonomically designed handle with soft grip.
- Battery guard
- Large switch lever with lock off function
- Battery indicators for over-discharge and overheating protection

Illustrative picture:



Item # 27: Evacuation sled

The Evacuation Sled has been developed to address the need for a small craft capable of evacuating people both injured and mobile victims from the flood water. The Evac Sled is fully inflatable, pressured to 11 psi creating a solid fully floating platform. The design must allow it to be used as a flat mat or folded around the victim to create a dry craft.

Dimensions:

Length - 200 cm

Width - 64 cm

Height - 40 cm

Capacity - 160 kg

Weight - 9 kg

Pack size - 60 x 30 x 20 cm

Specifications:

Fits through doorway - 660mm wide
6 webbing carry handles
Registered folding design can be used to scoop casualty
Fully Inflatable - Small Pack Size and light weight
Casualty will remain dry when sled is fully folded and sealed.

Illustrative picture:



Item # 28: Fall arrest / work restraint / Confined Space Harness

The rescue harness must be designed for fire and industrial rescue teams working in confined space, vertical rescue and fall arrest. Must be suitable for use with back-mounted breathing apparatus.

Must be designed with an integral low profile back panel to maintain the structure of the harness.

Must have adjustable side buckles allow for added comfort and sizing, but lock to prevent accidental release.

Conformity CE EN361 EAC

Illustrative picture:



Item # 29a & b: Fall Arrest Harness (Size 1)

Specifications:

Harness Type	Full Body
Specific Use	Fall Arrest, Work Restraint
Harness Attachment Points	Dorsal , Sternal
Harness Size	Size 1 Size 2
Harness Material	Nylon, Polyester, Aluminium
Nominal Maximum Load	100kg

Industrial or Sport Use	Industrial
Conformity	CE EN361 EAC
Operating Temperature from	-40°C / -40°F
Operating Temperature to	+80°C / +176°F
Lifetime	10 Years
Guarantee	3 Years

29a - Size 1
29b - Size 2

Illustrative picture:



Item # 30: Inshore Flare Pack

Inshore Flare Pack must be supplied in a water-resistant plastic storage container. A kit for vessels voyaging up to 3 miles from shore.

Specifications:

- SOLAS 74/96
- MED 96/98 EC
- Directive 2013/32/EU
- IMO Res. MSC. 81 (70) as amended.

Contains the following flares:

- 2 x Red Handflares
- 2 x Orange Handsmokes

Red Hand Flare - For night time and low light signalling.

- Corrosion-resistant steel tube with shockproof plastic handle
- Size: H235 x Ø25mm, Weight: 200g
- Burn Time: More Than 60 seconds
- Light Intensity: 15,000 cd
- Expiry: 3 Year

Orange Hand Smoke - for day time use.

- Shockproof plastic tube
- Size: H137 x Ø42mm, Weight: 116g
- Burn Time: 60 seconds
- Expiry: 3 Year

Specifications:

Illustrative picture:



Item # 31: Floating line, 50m

11mm Floating Rescue Rope must be designed for use in and around water.

This floating rope must have a special sheath construction making it very hard wearing.

Must be made from kenmantel with polypropylene fibres.

Must be ideal for use in water rescue and canyoning.

Length: 50m

Illustrative picture:



Item # 32: Fuel bladder / tank

- Zodiac MilPro Inflatable Boat Flexible Fuel Bladder or equivalent
- Elongated Flexible Fuel Tank
- Capacity: 6 US Gallons (22.7 liters)
- Approved for Zodiac MilPro Underwater Cache, AirDrop and HeliDrop Solutions

Illustrative picture:



Item # 33: Garden hose to clean boat, 40m

Specifications:

- Comes with Spray gun & plus fittings
- Three piece winding handle
- Made from high quality zinc plated steel, durable & rust proof
- Ready assembled 60 m metal cart with 40 m of 12.5 mm premium hose
- With a small internal drum diameter & an extra-long winding handle, rewinding is extremely easy

Illustrative picture:



Item # 34: Head blocks

The Head Immobiliser must be designed to fit the Ferno Scoop 65 EXL Stretcher.

Specifications:

- Composed of two plastic-coated, closed-cell foam head supports, one

universal attachment base and two durable head straps

- Unique head strap designed to conform to the patient's forehead
- Large side openings for monitoring the patient's ear canal
- Minimal interference with X-ray, MRI, or CT scan procedures
- Waterproof coating
- Will not absorb blood or bodily fluids
- Easy to clean and decontaminate between uses
- Meets FMVSS 302 flammability rating
- CE Certified

Illustrative picture:



Item # 35: Karabiners

High-strength steel carabiner for use in harsh environments, particularly suitable for setting up multiple anchors.

Easier handling:

- fluid interior design limits the risk of having a catch point and facilitates rotation of the carabiner
- Keylock system
- may be used with a CAPTIV positioning bar to favor loading of the carabiner along the major axis, to keep it integrated with the device, and to limit the risk of it flipping

H cross-section:

- ensures an optimal strength/weight ratio
- protects markings from abrasion

Two locking systems available:

- TRIACT-LOCK: automatic locking with triple-action gate opening
- SCREW-LOCK: the manual screw-lock with red band provides a visual warning when the carabiner is unlocked

-Minimum major axis strength 25KN

- Certification(s): CE EN 362, EAC

Illustrative picture:



Item # 36: Karabiners, aluminium, 25kN, tri-lock, oval

Specifications:

- Symmetric shape ideal for use with belay devices to maximise efficiency
- Optimal strength to weight ratio, the H cross-section ensures an optimal strength and protects the markings from abrasion.
- Material: Aluminium
- Tri-lock
- Oval shape
- Major Axis Strength kN - 25KN
- Certification(s): CE EN 362, EAC

Illustrative picture:



Item # 37: Karabiners, steel, 45kN, Screwgate, 12mm

An Offset D connector takes the spinal loading strength of a D-shaped back but extends the basket at one end to maximize gate opening and overall size without compromising ergonomics and weight. Cold forged from 12mm bar, the strengths achieved in testing exceed 45kN and it is first choice in applications requiring stronger connectors in their systems.

Certification(s): CE EN 362, EAC

Illustrative picture:



Item # 38: Lighting unit, portable

Equipped with two light heads and its multi-stage charger, also a telescopic handle and rugged wheels for ease of transport.

Intelligent control adjusts the light output according to the light duration required. The user inputs the hours & minutes of light required and the unit will calculate & adjust the output accordingly.

Engineered with the Intelligent Control System which calculates and displays current battery life, allows the user to regulate the intensity of the light and choose the desired run time. Built with versatility in mind, the 9460 RALS features two swiveling telescope masts (each extends to nearly 6 feet) and two 360 degree articulated light arrays. The system's next-generation LEDs combine to radiate up to 6,000 lumens (3,000 per light head). Powered by a rechargeable battery, the system offers up to 7 hours of peak brightness with a variety of extended run times. Built self-contained in a tough Peli case, the 9460 is compact and provides easy ground transport with a pull handle and stainless steel ball-bearing, polyurethane wheels.

Specifications:

Telescoping dual LED light heads
Housed in a Pelican protector case
Up to 6,000 lumens of variable LED light
Silent operation
Cool operating temperatures
No exhaust

Illustrative picture:



Item # 39: Lighting units, portable, Twin Tripod Work Light IP65 110V

Electrical LED tripod light is frequently used in building and renovation projects to illuminate

spaces that don't yet have lights installed. Thanks to its sturdy design, the unit is perfectly suited to indoor or outdoor use and it's also free-standing so you can move it around as you work. Besides being convenient, the light adds to workplace safety by making sure you can clearly see any tripping hazards.

The two energy-efficient LEDs give you maximum brightness and are mounted on a tripod so you can adjust the lights to the height you need. They have strong die-cast housings and tempered glass lenses, so there's no need to worry about the lights getting damaged easily. This product is supplied with a 3 m power cable, so you can be a bit flexible about where you want to set it up.

- Die cast housing with tempered glass for robust strength
- Sturdy steel tripod
- IP65 rating
- 2x 20W, 2x 2000lm lights
- Cool white 6500K light
- 3m H05RN-F rubber cable
- Average life of 25,000 hours
- Contains a built-in, non-replaceable LED lamp

Illustrative picture:



Item # 40: Load cell

Compact aluminium load cell that measures force up to 20 kN. Utilizing two sampling modes, must be able to monitor systems and log drop testing in high resolution. Unique features like Bluetooth connectivity and swivel attachment points

Specifications:

- Lightweight aluminium construction.
- Compact & portable design
- Swivel attachment points diminish potentially dangerous torsional and off-axis forces.

- Features two sampling modes: "Slow" for monitoring and "Fast" for dynamic testing.
- Monitor forces wirelessly on iOS device with built-in Bluetooth connectivity.
- Record and download graphs of events
- Measures force in kg, lbf and kN.
- MBS: 36 kN.
- Max Reading: 20kN.
- Accuracy: +/- 2%.
- Length: 8.0"(203mm).
- Width: 2.1(53mm).
- Weight:14 oz (400gm) w/batteries.
- Certification: CE.

Illustrative picture:



Item # 41: Lowering device with autolock

The multi-purpose rope travel device is a single wearable tool suited for efficient hauling, controlled lowering, smooth personal descent, easy ascending, and reliable progress capture. It must replace the hardware used in a traditional raise/lower system for rescue operations, and also serve as a personal descender with the most efficient ascending capability of any product in its class.

Specifications:

- Features a faceted ratcheting sheave of stainless steel
- Designed for efficient operation, ease of use and optimal control. Its innovative double-latched side plate is independent of the device's attachment point and resists inadvertent opening.
- 10.5-11mm rope diameter compatible device certified to NFPA 1983 (G-Rated), ANSI Z359.4 and EN 12841/C, 341/2A, and 15151/8 (up to 200m/240kg).

Illustrative picture:



Item # 42: Man over board manikin

This manikin must float horizontally or vertically to simulate a live person or dead body.

A loop to the back must allow the manikin to be lowered into position or hung up to dry.

Bright orange overalls and SOLAS reflective tape on the head.

Polypropylene strips allow flexibility in and out of the water but prevent the manikin from bending in half when using stretchers or recovery devices.

Polypropylene strip extending from the back up through the neck and into the head to add additional support to the neck

Protective overalls and boots must be replaceable

Name	Height (m)	Weight (kg)
Adult	1.8	40

Illustrative picture:



Item # 43: Metal D ring

Specifications:

Gate Opening	Locking
Material	Galvanised Steel
Material Diameter	10mm
Shape	Semi Circular / Omni
Gate Opening (mm)	10mm
Gate Type	Screwgate
Height (External)	86mm
Height (Internal)	66mm
Major Axis Strength kN	45kN

Industrial or Sport Use	Industrial
Colour	Silver
Conformity	CE EN362 , CE EN12275
Weight (g)	153g

Illustrative picture:



Item # 44: Mobile BA cylinder air compressor

A powerful mobile compressor: 320 l/min charging rate

Durable and resistant to corrosion: For use under the toughest conditions

Available in electric or petrol version and equipped with four filling hoses in the standard scope of supply.

Suitable for use as a diving compressor, shipping compressor, for installation in yachts, as a fire service compressor, paintball compressor and in many other applications.

Specifications:

Charging rate l/min	Drive Motor or kW	Filter system	Net weight approx. kg	Dimensions L x W x H cm
320	Three-phase motor, 400 V, 50 Hz ²	P41/420	165	130 x 65 x 81

	7.5k W			
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Illustrative picture:



Item # 45: Modular rope rescue team storage bag

Outer Bag only.

- 1 x Outer Bag
- 1 x Large Pocket
- 2 x Medium Pocket
- 2 x Small Pocket
- 2 x Gear Loops - Small

Illustrative picture:



Item # 46: Muffs to flush engine

Boat world Dual Feed Outboard Motor Flusher is an engine attachment for flushing outboards and stern drives with clean, freshwater.

Specifications:

- Simply attaches around the water intakes on the engine
- Dual Feed means safer for your engine getting water
- Uses 7mm sprung steel
- Supplied with a threaded detachable male connector to a normal garden hosepipe.
- Rectangular rubber ears 12cm x 7cm
- Universal fit for most outboards and stern drive legs
- Works with our Orca Outboards 6hp - 15hp
- Suitable for other brand outboards from 8HP - 200HP
- Ideal for use with Blu Thru flush kits

Illustrative picture:



Item # 47: Paddles

A tough recreational raft paddle must feature a titanium enriched alloy shaft, inserted down to the tip of the blade for maximum strength. The shaft is shrunk PVC coated and the paddle comes with a T grip.

Hight quality of ABS Plastic with a high content of butadiene (Synthetic rubber)

One year warranty.

Illustrative picture:



Item # 48: Portable lighting

A portable, lightweight area lighting system, with a powerful light output and retractable mast. The head can be rotated and pivoted to angle the light where required.

Battery Info	Sealed Lead Acid (SLA) (included)
Number of Heads	1
LED Life	50000
Light Modes	Floodlight
Beam Spread	125 degrees
Lighting Features	360° head rotation, Impact resistant lens, Low battery warning, Waterproof activation switch
Max Height (mm)	820

Run Time (h) (Low)	15
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Run Time (h) (High)	8
Recharge Time (hours)	5
Lumens (Low)	1500
Lumens (High)	3000
Head Rotation	360 degrees
IP Rating	54
Dimensions (mm)	400 x 200 x 230
Weight (kg)	10.3

Illustrative picture:



Item # 49: Reach/rescue extendable pole, 17m

The Rescue Poles must be manufactured using multiple layers of the highest grade carbon fibre giving the system outstanding strength, rigidity and light weight.

Lightweight but strong system.

The telescopic poles must have adjustable clamps. Each clamp must release the section above in a smooth action enabling fast extraction / retraction.

- Keeps Operators Safely Out of Hazard Zone
- Deployed in Seconds
- Carbon fibre material (ultralight) Glass fibre (Standard)
- Strong quick release clamp
- High visibility end section

Size: 17 meters

Illustrative picture:



Item # 50: Rescue pathway, 3meter

Specialist mud, ice or water pathway, must provide a stable platform to access victims or locations. Must be built using TPU fabrics using a Drop Stitch Construction.

- Fitted with carry handles and D Rings
- Curved Design for Mud Rescue
- Lea field Valves compatible with Boat inflation Kits
- Length - 3 Meters
- Width - 1.4 Meters
- Height - 150mm

Illustrative picture:



Item # 51: Rigging Plate, medium

Specifications:

Rigging Plate	Medium
Number of Attachment Points	8
Breaking Strength kN	45kN
Industrial or Sport Use	Industrial
Colour	Gold
Material	Aluminium
Conformity	NFPA 1983 General Use, CE
Weight (g)	180g

Illustrative picture:



Item # 52: Rope cleaning brush

A brush designed specifically for cleaning ropes

Illustrative picture:



Item # 53: Rope protection, fabric

Large Canvas for rope protection over sharp, rough or angled edges. Must have attachment points for security and eyelets for securing into position.

Illustrative picture:



Item # 54: Rope protection, metal

A 30cm lightweight stainless steel double edge protector must be designed to help protect ropes from coming in to contact with sharp edges. This edge protector must be designed to attach to metal structures easily.

Protection Against	Abrasion Protection
Accommodates	Two Ropes
Industrial or Sport Use	Industrial
Material	Stainless Steel
Dimensions	30cm

Illustrative picture:



Item # 55: Scoop stretcher

Specifications:

- Orthopaedical Stretcher
- Narrow foot end frame for handling in confined spaces
- Can be split into two easy to handle pieces
- Oval profile and angled handles provide ergonomic ease of use
- X-Ray translucent
- Twin safety lock for smooth and non-binding locking and unlocking
- Head section is recessed to maintain proper neutral alignment of the C-Spine
- Four length options accommodate patients of different heights
- Engineered polymer construction means smooth quiet transport
- Easy to clean surface - impervious to body fluids
- Thermally treated material does not get too hot or cold, allowing greater patient comfort
- CEN compliant
- Supplied with 4 Biosafe Speed clip Straps
- Measures 43cm x 165cm, weighs only 8kg
- Maximum load capacity of 150kg

Illustrative picture:



Item # 56: Scoop stretcher spider straps

Specifications:

- Spiders Straps are a body restraining system primarily for use with Spine boards.

- The 6 straps thread through the board and secure around the patient using high strength velcro.
- A Complete system to immobilize a patient on a spine board. The whole set of straps are connected to form one harness.
- A very effective way to hold a patient onto a spine board.
- Made from Polypropylene and supplied in multi-Colors
- Machine Washable

Illustrative picture:



Item # 57: Search light handheld and waterproof

High quality IP67 waterproof & buoyant spotlight must deliver a 820 lumen (87,000cd) beam of light with a range of 590m. The robust ABS plastic case must provide waterproof and shock-proofing capabilities while the multi-position stand allows for hands free operation.

- Bulb: 1 x XM-L2 CREE White LED
- 3-Mode electronic switch - High, low & flashing
- Includes shoulder strap
- Size: Ø92x169x183mm, Weight: 815g (with batteries)
- Uses 4 x C-Cells (supplied)

Illustrative picture:



Item # 58: Single pulley

Specifications:

Pulley Type	Single
Pulleys Cheek	Swing Cheek
Pulleys Additional Features	Integrated Swivel
Pulley Wheel Material	Aluminium
Pulley Rating (Breaking Load) kN	31-40kN
Sheave Diameter (mm)	38mm
Pulley Efficiency	95%
Min. Rope Diameter (mm)	7mm
Max. Rope Diameter (mm)	13mm
Working Load Limit (kN)	8kN
Max Breaking Strength (kN)	36kN
Material	Aluminium, Nylon, Stainless Steel
Conformity	UIAA NFPA 1983 General Use CE EN12278
Weight (g)	290g
Operating Temperature from	+80°C / +176°F
Operating Temperature to	-40°C / -40°F
Guarantee	3 Years

Illustrative picture:



Item # 59: Small dry powder fire extinguisher 600g

Specifications:

Fire Rating: 21B / C
Height: 268mm
Cylinder Diameter: 59mm
Capacity: 600g
Filled Weight: 0.72Kg
Range Of Throw: 1 Metre
Working Pressure: 7 Bar
Duration Of Discharge: 6 Seconds
Temperature Range: -20 To +60 Degrees
BS 6165 Approved: Yes
CE Approved: Yes
Warranty: 5 years
Class B and C Type Fires

Illustrative picture:



Item # 60: Snaphooks, metal

Zinc-Plated Steel Construction
Pack of 10
Bar diameter: 8mm
Length: 80mm

Illustrative picture:



Item # 61: Sponge, cleaning, large

Super absorbent and long-lasting jumbo sponge for multi-purpose household use

Durable and long lasting material

Easy to hold, even with wet hands

Soft polyester material is scratch resistant making it suitable for household cleaning

Illustrative picture:



Item # 62: Stabilisation blocks

2 x 1 wedge small

2 x 1 wedge large

2 x 1 lock block low

2 x 1 lock block medium

2 x 1 lock block high

Illustrative picture:



Item # 63: Steering wheel cover

Easily fitted to steering wheel.

Constructed of a high visibility nylon.

"Do not move vehicle" printed in the center.

Dimensions: 480mm Diameter

Illustrative picture:



Item # 64a & b: Throwline/belt

Must be designed for Water Rescue Technician. The oval shaped must fit close to the body, the bag must be easy to pack and throw and stow with ease into the belt pocket.

Material: Nylon fabric

64a - 15m

64b - 20m

Illustrative picture:



Item # 65: Vehicle stabilisation

Standard Vehicle Stabilisation Kit

Kit Contains:

- 2X AcmeThread Strut 25-36 in / 64-91 cm

- 2X Strut Extension 12 in / 30 cm

- 2X Strut Extension 24 in / 61 cm

- 2X Multi-Base - 22-796025

- 2X Hinged Base w/ Anchor Ring 12 in / 30 cm

- 4X Ratchet Belt w/ Finger Hook 27 ft / 8.2 m

- 2X Tie Down Keys w/ J Hook

Net Weight: 97.3 lb / 44.2 kg

Illustrative picture:



Item # 66: Wading pole

The Reach and Rescue industry specified strengthened wading pole operates in the most sever conditions. It is utilised extensively around the world. Its unique design with metal reinforced ergonomic T bar handle with rigid lightweight fibre glass shaft and metal end caps makes it a must for flood rescue teams.

Floats in water

Non-conductive

Concaved metal base cap

Metal strengthened T bar

Depth marker
Material: Fibreglass
Handle Material: Plastic Coated Steel
Colour: Yellow / Black Handle
Length: 1.8m
Weight: 1.1kg
Diameter: 3.2cm

Illustrative picture:



Item # 67: Water rescue sled

High Volume Bow and Rocker - With a raised bow height the X-Sled must be able to handle tethers in swift water whilst reducing the risk of the bow diving when loaded. Inflation and over pressure valves. The valves must all work with boat inflation kits.

Low profile grab handles - must be fitted with 15 low profile grab handles.

6" Airdeck

3 Chambers - The sled must be built with 3 separate inflatable chambers

Double Layer Drop Stitch Fabric Hull

3 Person craft - The X-Sled must be designed to carry 2 rescuers and 1 casualty.

Must come complete with Pro Bag

Length - 355cm (12')

Width - 122 cm (48")

Weight - 19.5 kg (44lbs)

Tube width - 24cm (10")

Floor Thickness - 150mm (6")

Bow Rise - 54cm (21")

Valve Type - Leaffield C7/D7 and A6 PRV

D-Rings - 5 Stainless Steel with a 1000kg Breaking Load

Swift Water Capacity - 3 people - 350kg - 5 People on Calm Water

Warranty - 3 years

Propulsion - Kayak or Canoe Style Paddles

Illustrative picture:



Item # 68: Water rescue sled, large

High Volume Sponson
Inflation and over pressure valves - The valves must work with boat inflation kits.
Low profile grab handles - must be fitted with 6 low profile grab handles
1000kg (10KN) breaking load D rings attachments.

6" Airdeck hull

3 Chambers - The sled must be built with 3 separate inflatable chambers.

6 Person craft - The sled must be designed to carry 6 occupants happy in swift water with the Transom Flap down. When Transom Flap is in use the capacity is 1000kg approx 8-10 people
Length - 363cm

Width - 180 cm.

Tube width - 52cm

Floor Thickness - 15cm (6")

Capacity - 6 people - 600kg / 1000kg with active Transom Flap

Weight - 32 kg

Propulsion - Canoe Style Paddles

Pack size - 120cm x 60cm x 35 cm

Valves - Leaffield C7 and A6 Pressure Relief Valves on each Chamber.

D-Rings - 9 Stainless Steel each with a 1000kg Breaking Load

Warranty - 3 Years

Illustrative picture:



Item # 69: Wire rope to secure engine to boat

Outboard Engine Safety Cable

Style - Hook & Eye

Overall Length - 24.5 Inch (625MM)
5MM PVC Covered Stainless Steel Wire Rope
Cable
10MM Carbine Hook With Eyelet - 316 Grade
Stainless Steel

Eye Length - Approx 45.5MM, Inside Eye
Diameter - Approx 22MM

Illustrative picture:



Item #70: Defibrillator

Automated external defibrillator (AED),
including:

- 1x Carry case
- 2x Spare batteries
- 4x Defibrillator pads
- 1x Fred easyport (pocket defibrillator)

Item #71: Oxygen administration set

Oxygen administration set, including:

- 1x bag valve mask (adult)
- 1x pocket mask
- 2x 100% adult mask (non-rebreather)
- 2x 100% pediatric mask
- 2x 60% adult mask
- 2x adult nasal cannula
- 2x oxygen trauma mask, adult
- 1x portable oxygen - CD size (460
litres at 23 000 kPa)