



Offshore Safety Catalogue

VIKING LIFE-SAVING EQUIPMENT
- Protecting people and business



We've got the power to simplify safety

One safety partner can provide it all

VIKING is the largest single source for safety equipment and servicing in the world. So we know that while safety compliance is a minor part of an offshore asset owners operational budget, making the right choices can be a major hassle.

That's why we're always finding new ways to ensure equipment is reliable, cost-effective and in full compliance with national and international safety regulations - and that it can stay that way during its useful lifetime.

To help you, we've put together a comprehensive range of everything you could need for offshore safety. And we're ready with advice and ideas to help guide your investments in making safety compliance safer and simpler.

Our in-depth knowledge of the offshore industry ensures optimal solutions in all phases - from putting together total packages for newbuildings, producing custom designed evacuation systems and lifeboat solutions, supplying the right combination of personal protective equipment, to professional, flexible and convenient offshore safety and servicing agreements.

Can't find what you're looking for in this catalogue?

Contact your local VIKING office or visit VIKING-life.com.

Safer, simpler compliance

Offshore vessel and infrastructure owners and operators need reliable, smooth operations unaffected by safety equipment servicing requirements.

Safety compliance is a business-critical factor that is becoming increasingly complicated and costly to manage in-house.

Yet many offshore companies still rely on their own administrative processes to handle safety equipment servicing – risking errors that could ultimately threaten their ability to operate.





Boats and davits



Evacuation systems



Liferafts

Personal protective
equipmentLife-saving appliances
and fire safety
equipment

Fixed-price safety equipment and service packages with built-in flexibility

A VIKING Offshore Safety Agreement provides consolidated procurement and servicing of your safety equipment.

We can take care of everything from service notification, specifications and service certificates to multi-vendor invoice monitoring – at competitive, globally fixed pricing and from a single point of contact.

Terms and conditions can be easily adjusted to fit changing needs during the contract period.

Expert offshore safety advice

Access to quality advice is every bit as important as the safety equipment itself. Our in-depth knowledge of the offshore industry ensures optimal solutions in all phases:

- Total safety packages for newbuildings
- The right combination of personal protective equipment (PPE) and life saving appliances (LSA)
- Custom-designed evacuation systems and cutting-edge Norsafe lifeboat solutions
- Professional, convenient equipment servicing, exchange and replacement



About the **catalogue**

VIKING is an innovator in life-saving equipment for a wide range of vessels and offshore installations including fixed and floating platforms, FPSOs, drillships and all types of support vessels.

How to find the information you need to select your offshore safety equipment?

Products are easy to locate using the table of contents. Each product entry contains a short description, an item number and a list of variants and related products where relevant.

The item number can be used for a quick search for further information on our VIKING Safetyshop website at www.VIKINGsafetyshop.com.

Enquiries can be made either directly through VIKINGsafetyshop.com or by contacting the nearest VIKING office or agent who can send a quotation.

VIKING can supply a complete offshore LSA package, including products not listed in this catalogue or our online SafetyShop.

For more information please contact VIKING:

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VIKING-life.com

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VIKING Norsafe equipment is subject to continuous improvement and there may be change to technical data and specifications after publishing.

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Crew can **trust** VIKING safety solutions

VIKING offshore evacuation systems are built in Norway and designed to adhere to the Norwegian NORSOK standards, certified by Lloyd's Register and widely recognized as the toughest offshore safety standards in the world.

Our product range undergoes rigorous testing and type approval certification according to the LSA Code. Equipment used in hazardous areas where there is a risk of explosion is of course manufactured in accordance with the relevant Ex regulations.

We work continuously to obtain the latest certifications for our products and systems so you can deliver the required documentation to relevant authorities when needed.

Our extensive range of safety products enables us to put together unique packages to exact specifications and requirements. Local regulations, such as USCG and RMRS, are automatically taken into account by VIKING before we deliver equipment outside the EU.

Pre-approved by EPIM, Achilles and FPAL

VIKING is pre-qualified by the world's leading associations offering supplier information and procurement solutions that are trusted around the world. EPIM, Achilles and FPAL all offer tools to facilitate an easy flow of information between operators, partners, authorities and other stakeholders, and help the oil and gas industry's purchasers to source and select suppliers.

The process replaces approved vendor lists and eliminates costly duplication in pre-qualifying of suppliers. An ISO 9000:2015 or similar QMS certification, plus strict audit verifications, are required for pre-approval.

VIKING is recognized as an efficient and reliable supplier to the offshore and marine industry.



For more information about certifications:

- SOLAS (www.imo.org)
- PSA (www.ptil.no)
- NORSOK (www.standard.no)
- Achilles (www.achilles.com)
- EPIM (www.epim.no)
- MarED (www.mared.org)
- USCG (www.uscg.mil)
- RMRS (www.rs-head.spb.ru)

Expert servicing where and when you need it



We cover all global offshore industry hubs

VIKING's offshore specialists at strategic locations across the globe provide flexible and efficient servicing of offshore safety equipment, including certification management.

Our unique coverage of the northern offshore corridor via our presence in Esbjerg, Bergen, Aberdeen, Schwei West and Den Helder provide not only service, but also safety solutions based on your safety plan.

Other prominent offshore hubs covered by the VIKING network includes the Gulf of Mexico, South East Asia, Brazil, The Persian Gulf and Western Australia.

- Bergen, Norway
- Esbjerg, Denmark
- Schwei West, Germany
- Aberdeen, UK
- Den Helder, the Netherlands
- Houston, USA
- New Orleans, USA
- Singapore
- Dubai, United Arab Emirates
- Karratha, Australia
- Shanghai, China
- Rio de Janeiro, Brazil
- Cape Town, South Africa
- St. John's, Canada

Documentation and certification of the highest standards



Sources:
 Achilles, www.achilles.com
 Lloyd's Register, www.lloydregister.com
 Russian Maritime Register of Shipping, www.rs-class.org



Our global team of experts works to customize packages that fulfil your specifications and according to relevant regulation requirements and offshore standards.

Products are supported by full documentation packages according to NORSOK Z-018 or client requirements with full review and approval throughout the official submittal.

Upon project delivery and completion the approved 'As built' documentation and drawings are supplied to finalize the delivery.

SUPPLIER DOCUMENT FRONT SHEET					
Supplier Name		V&S/NO 1-20-2007-2008-2009-2010			
Project Name		V&S/NO 1-20-2007-2008-2009-2010			
Company Project Number		V&S/NO 1-20-2007-2008-2009-2010			
AD	KL	PT108	061	0001	01
DOCUMENT TITLE: General Arrangement Drawing, S&S-3B 2007					
DOCUMENT REVIEW STATUS					
DATE	1	2	3	4	5
SIGNATURE					
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Issue Record					
Issue No.	Date	Reason for Issue	Issued By	Reviewed By	Approved By
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Scalable safety solutions

Fully documented solutions and equipment packages can be supplied for offshore installations and vessels based on their individual safety plan. Let our experts help you put together the optimal package for your operation.

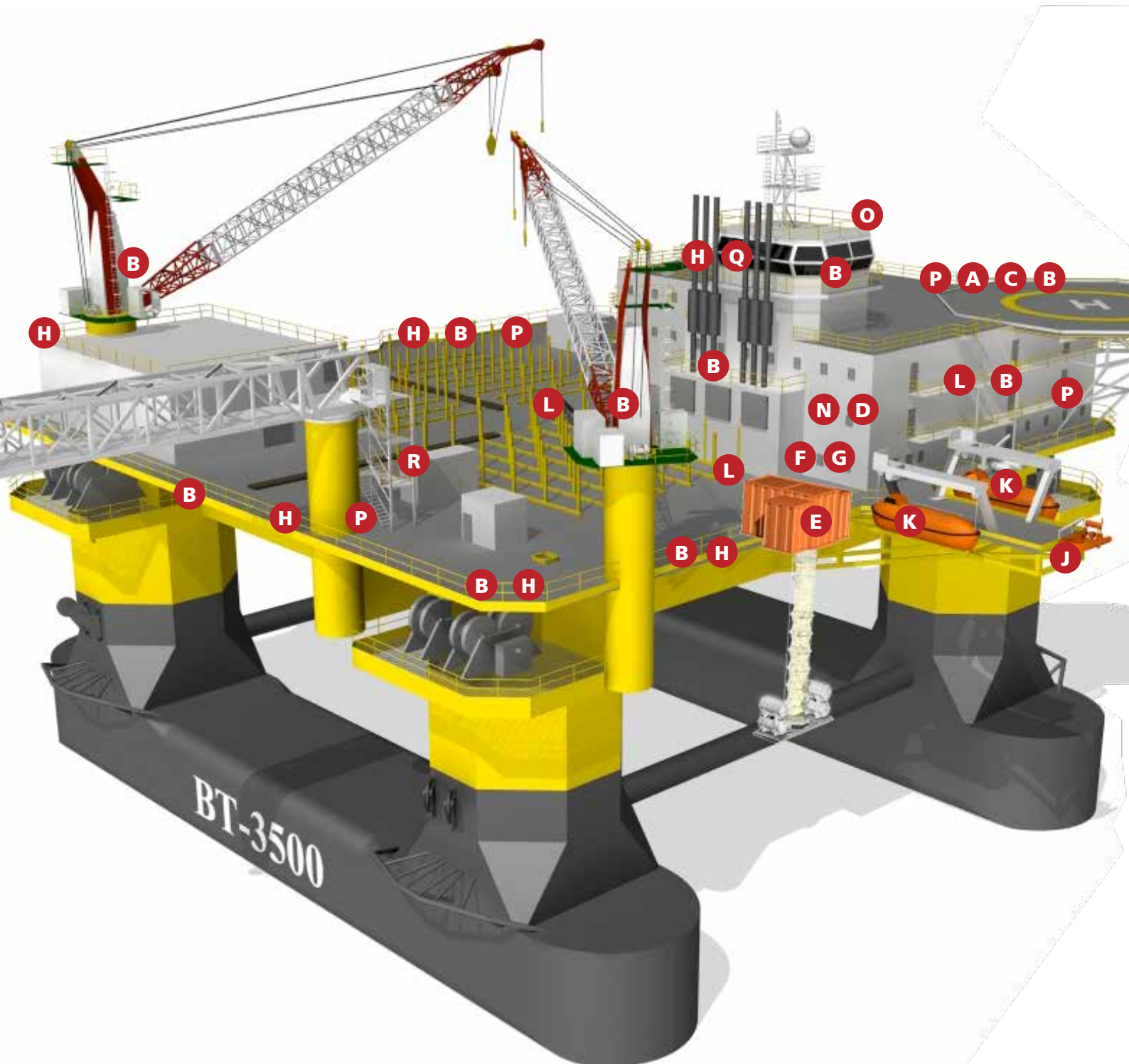


Illustration courtesy of Bassoe Technology

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Fire suits



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H
Lifebuoy and accessories



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Transfer basket



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**VIKING
NORSAFE**
Boats and davits



VIKING Norsafe

Boats and davits

The world leader in SOLAS boats and davits

The VIKING Norsafe brand, established when the 116 year-old lifeboat builder Norsafe joined the VIKING group in 2018, enables us to bring a market-leading range of boats, davits and total care servicing to the world's offshore industry.

The "Better by Design" philosophy and global in-house manufacturing approach assures equipment users safe operation.

Everything you need for the harshest conditions

- Totally enclosed lifeboats
- Free-fall lifeboats
- Rescue boats
- Daughter craft and work boats
- Davits
- Hooks



Compliance

Compliance is a focus for VIKING Norsafe boats and davits. Our products meet standards that are recognized by regulators all over the world.

Meeting, exceeding and actually defining Performance Standards enables our customers to demonstrate that their equipment is available and safe to use in all conditions.

VIKING Norsafe products are proven in use and have been used in emergency evacuations - many hold world records for performance - making them the preferred choice of more operators and shipyards than any other brand.



Global Service

Our equipment is supported by a fully certified, well-equipped service network with experts who are always on call to ensure the safety of your operations.



Solutions

VIKING Norsafe has a well-deserved reputation for solving the challenges our customers face – from operations and maintenance innovations to delivering complex engineered structures that interface with existing installations.

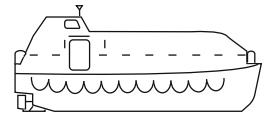


Training

For the offshore industry, training is best conducted using the same equipment that operators will encounter in their daily work - whether performing drills or in an actual emergency. The VIKING Norsafe Academy is the only facility in the world that offers realistic free-fall testing and training in conditions that exactly replicate those found at installations.



**VIKING
NORSAFE**



Conventional lifeboats

Keep your crew safe

VIKING Norsafe lifeboats offer outstanding performance in demanding offshore conditions. All lifeboats are designed and manufactured exclusively at VIKING's Norsafe facilities to guarantee product quality.

- Positive stability up to 180 degrees
- Smaller boats (under 8.5 m) suitable as both lifeboat and rescue boat
- The largest boats have a maximum capacity of 150 persons in SOLAS configuration with alternative seating arrangements to accommodate "big persons" in lifeboats
- Constructed in fire-retardant, glass-fibre reinforced polyester (GRP)
- Boats can be delivered either with the VIKING Nadiro Drop-in-Ball™ system or the VIKING Norsafe Tor MK-2 offload release hook.
- Models available for compliance with NORSOK R-002 and NOROG requirements
- Possibility for site and host-specific analysis of lifeboat occupant safety through DavitSim analysis

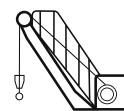


MODEL
VIKING Norsafe Miriam-8.5 MKI

Conventional lifeboats can be launched via a cantilevered platform davit, single pivot gravity davit or hydraulically pivoting davit. Even if damaged or fully flooded, our lifeboats are self-righting and virtually unsinkable.

Model	Dimensions (m) (L x W x H)	Capacity SOLAS 430 mm, 82.5 kg pers) (GoM Seating 533 mm, 95-100 kg pers)	Weight (kg incl. max persons)	Hook distance (m)
JYN-50 MKI	5.06 x 2.20 x 3.10	22 (18)	4250	4.60
JYN-57 MKI	5.76 x 2.20 x 3.10	26 (22)	4850	5.30
JYN-65 MKI	6.56 x 2.30 x 3.10	36 (29)	5900	6.10
JYN-74 MKI	7.41 x 2.68 x 3.00	52 (41)	7700	7.00
JYN-75 MKI	7.56 x 3.15 x 3.30	68 (54)	9800	7.00
JYN-80 MKI	8.06 x 2.85 x 3.10	63 (47)	9000	7.60
JYN-85 MKI	8.56 x 3.15 x 3.30	80 (61)	11200	8.00
JYN-100 MKI	10.21 x 3.25 x 3.40	106 (80)	14600	9.68
JYN-115 MKI	11.56 x 3.80 x 3.54	136 (109)	19623	10.96
MATHILDA-7.4 MKI	7.52 x 2.71 x 3.12	50 (43)	7900	6.87
MIRIAM-8.5 MKI	8.60 x 3.25 x 3.55	73 (59)	10723	7.80
MAUD-9.4 MKI	9.50 x 3.30 x 3.55	80 (64)	11450	8.75
MAGGIE-10.7 MKI	10.80 x 3.30 x 3.55	90 (71)	12725	9.60
MAXIMA-120 MKI	12.02 x 3.95 x 3.96	150 (122)	22600	11.20

VIKING Norsafe equipment is subject to continuous improvement and there may be changes to technical data and specifications after publishing.



MODEL
VIKING Norsafe Miram 8.5 and C-7.8 NO

Conventional lifeboat davits

Full product range to suit all types of fixed and mobile installations

Safely launch and retrieve totally enclosed lifeboats with our conventional davits. VIKING Norsafe davits are available in a wide range of safe working loads and lowering heights.

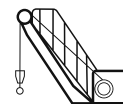
- Fully compliant with LSA and MODU Codes
- Alternatives for ATEX or IEC EX specifications for operation in hazardous zones
- Designed for safe maintenance and operation in offshore working environments
- Special solutions available for extremely high or low temperatures
- Project specific solutions for retrofit
- Designed and manufactured at VIKING Norsafe facilities

Cantilever davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
C-65 MKI	JYN-57, JYN-65	8664	5300
C-85 MKI	JYN-74, Mathilda 7.4, JYN-80, JYN-75	9174	5700
C-110 MKI	Miriam 8.5, JYN-85, Maud 9.4	12233	7600
C-140 MKI	Maggie 10.7, JYN-100	15290	8750
C-185 MKI	JYN-115	20387	13250
C-250 MKI	MAXIMA-120	25484	14500
D-110 MKI	Mathilda 7.4, JYN-74, JYN-75, JYN-80, Miriam 8.5, JYN-85	12233	5700
D-140 MKI	JYN-100	15290	6650



VIKING NORSAFE



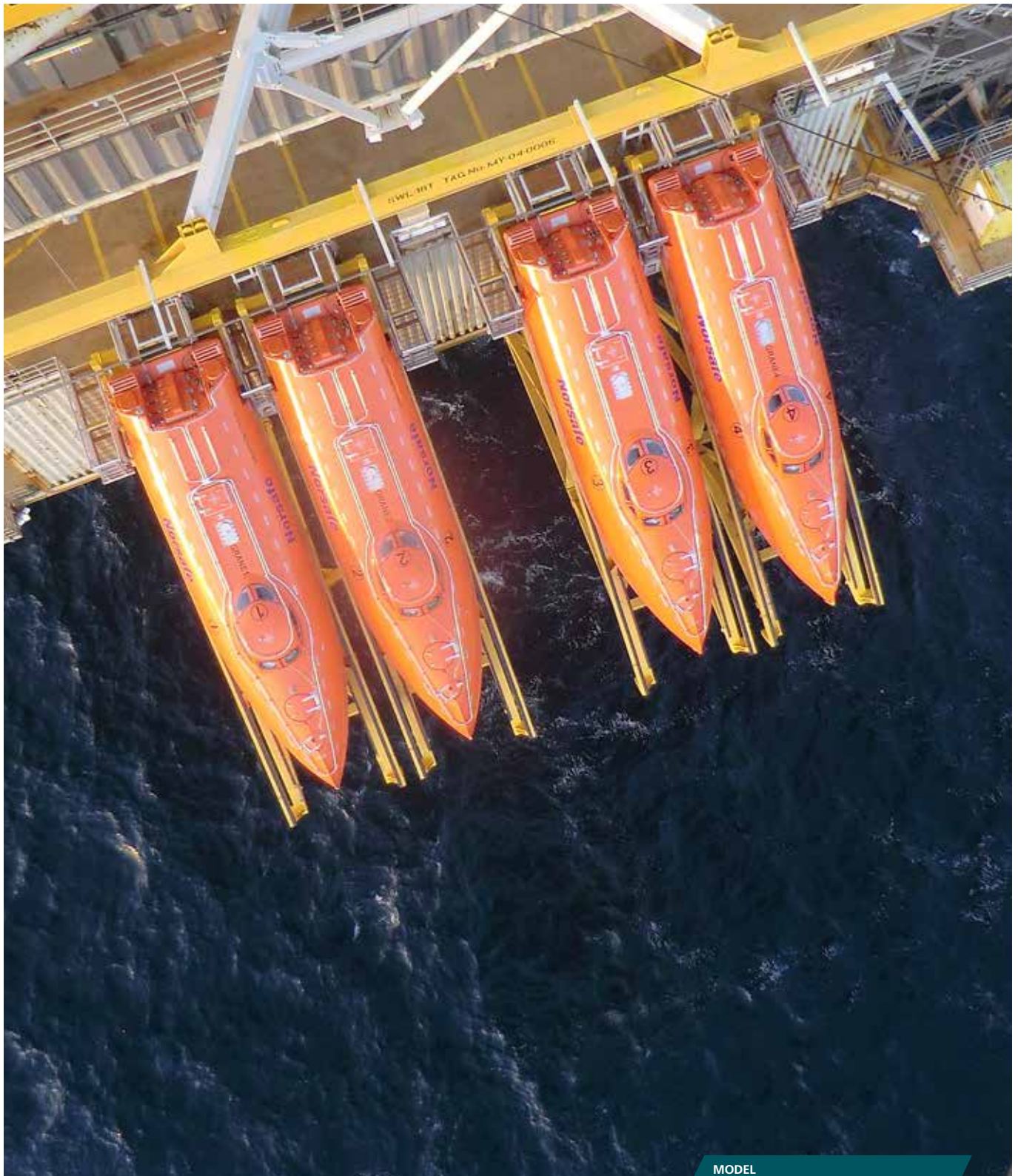
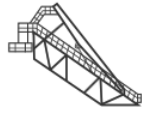
MODEL
VIKING Norsafe JYN-100F and D-140
cantilever davit, E-150 single pivot davit

Single-pivot gravity davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
E-65 MKI	JYN-57, JYN-65	6625	5500
E-90 MKI	Mathilda-7.4, JYN-74, JYN-75, JYN-80	9174	7800
E-110 MKI	Miriam-8.5, Maud-9.4	11214	8000
E-150 MKI	JYN-100, Maggie-10.7	15290	10700

Hydraulic luffing davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
LH-140 MKIII	JYN-74, JYN-75, JYN-80, Miriam 8.5, JYN-85, JYN-100	15290	8300
LH-185 MKIII	JYN-115	20387	11200
LH-230 MKI	Maxima-120	23000	17000
LHD-60 MKI	JYN-57, JYN-65	6110	4150
LHD-90 MKI	JYN-74, JYN-75, JYN-80	9174	6000
LHD-110 MKI	JYN-85, Miriam-8.5, Maud-9.4	11214	7000
LHD-150 MKI	JYN-100, Maggie-10.7	15291	9000
LHD-200 MKI	JYN-115, Minima-88	20000	11000
LHD-230 MKI	Maxima-120	23466	13000
LHP-150 MKI	JYN-85, JYN-100	14200	15290



MODEL
VIKING Norsafe GES-45



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NORSAFE**



MODEL
VIKING Norsafe GES-45

Free-fall lifeboat system

World record free-fall performance up to 50 m approved drop height

VIKING Norsafe GES-model free-fall lifeboats offer all the features of conventional lifeboats with additional safety benefits:

- Rapid evacuation time from muster point to water entry
- Free-fall launch alone (without engine power) will move the boat to a safe location, away from the platform
- Simulated release systems to allow manned launch drill without free-fall launch
- Reduced risk of equipment failure or malfunction during maintenance, testing or operation
- Larger free-fall lifeboats approved to 100 kg per person and beyond

Model	Dimensions (m) (L x W x H)	Capacity (max. persons @ 82.5 kg)	Weight (kg incl. max. persons)	Drop height (m)
GES-30 MKII	9.00 x 2.75 x 3.42	40	9100	25
GES-35 MKI	10.50 x 2.85 x 3.45	48	12000	28
GES-40 MKII	12.00 x 2.75 x 3.42	55	13380	30
GES-45 MKI	13.59 x 3.58 x 4.24	60 (100 kg per person)	19450	40
GES-50 MKIII	14.90 x 3.75 x 4.50	70 (100 kg per person)	25275	47
GES-52 MKI	15.75 x 4.16 x 4.85	70 (100 kg per person)	27615	50



MODEL
VIKING Norsafe GES-45 MKI and HD-45

Free-fall davits

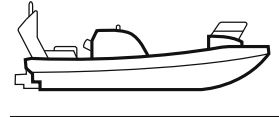
VIKING Norsafe free-fall lifeboat davits are designed to suit the full range of Norsafe free-fall lifeboats.

- Uniquely designed to meet existing interface with optimised structures reducing weight impact on the host installation
- Typically designed to meet SOLAS and NORSOK requirements
- Alternatives for ATEX or IEC EX specifications for operation in hazardous zones
- Designed for safe maintenance and operation in offshore working environments
- Special solutions available for extreme high or low temperatures
- Project-specific solutions for retrofit
- Davits can be delivered fully assembled and function-tested to minimize yard work

Product Name	Davit fit boat types	SWL (kg)
HD-30 MKI	GES-30 MKII	9300
HD-35 MKI	GES-35 MKII	12000
HD-40 MKI	GES-40 MKII	13500
HD-45 MKI	GES-45	22000
HD-50 MKI	GES-50 MKIII	26500
SW-45	GES-45	22000
SW-50	GES-50 MKIII	26500
SW-52	GES-52	30000



**VIKING
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MODEL
VIKING Norsafe Magnum-850

Rescue boats / Fast rescue boats

VIKING Norsafe rescue boats are used every day by thousands of operators in offshore, marine, cruise and ferry, as well as military applications. The design and construction of these boats showcases all of VIKING Norsafe's ability and experience.

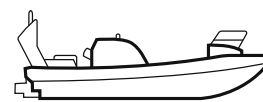
According to the LSA code 5.1, rescue boats are between 3.8 m and 8.5 m long, capable of 6 knots with 6 persons and towing largest liferaft on board at 2 knots. Fast rescue boats as per LSA Code 5.1.4 they are minimum 6.0m (maximum 8.5 m), achieving 20 knots with crew of 3 in calm conditions. Fast Rescue Boats with launch appliances are approved for launching in heavy weather Sea State 6 (3.5 m Hs wave height).

- Effective platform for Search and Rescue operations, developed by highly experienced designers and operators
- Easy to operate and proven in general work boat duties with flexible working space
- Proven deep-V hull design, comfortable and dry riding, with excellent sea-keeping for smooth ride and maneuverability

- Robust fibreglass (GRP) construction for maximum strength as well as easier of maintenance and operation
- Heavy-duty, low-maintenance and easily replaceable solid foam fender systems
- Offload release hooks in duplex fitted as standard
- Diesel engines with EN590 fuel compliance and EPA approvals

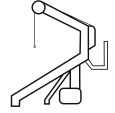
Optional features:

- LED work lights, navigation and communication packages
- Options for on-load release towing hook, rescue cradle (Dacon), shock-mitigating seats
- Crew safety gear



MODEL
VIKING Norsafe Mako-655

Model	Engine	Dimensions (m) L x W x H	Capacity (max. persons @ 82.5 kg)	Weight kg (incl. max. persons)
MIDGET-530 MKII	Inboard diesel with propeller	5.32 x 2.07 x 1.82	6	1650
MIDGET-530 MKII	Inboard diesel with waterjet	5.32 x 2.07 x 1.82	6	1650
MERLIN-615 MKI	Inboard diesel with waterjet	6.25 x 2.45 x 2.50	15	2720
MAKO-655 MKI	Inboard diesel with waterjet	6.75 x 2.70 x 2.26	15	3200
MAGNUM-750 MKII	Inboard diesel with waterjet	7.70 x 2.90 x 2.67	15	3828
MAGNUM-850 MKI WJ	Inboard diesel with waterjet	8.87 x 3.27 x 3.10	17	5730
MAYA-850 MKI	Inboard diesel with waterjet	9.19 x 3.29 x 3.50	17	5858

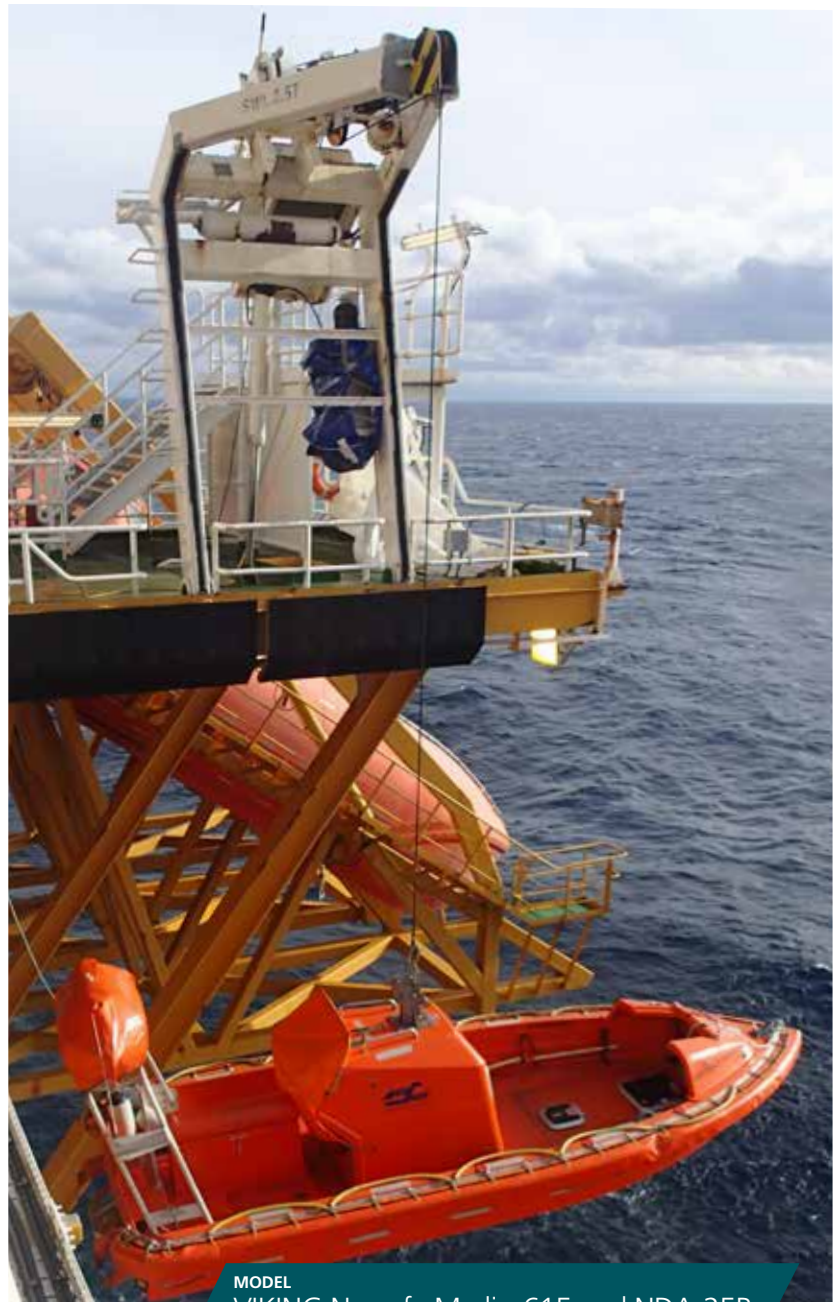
**VIKING
NORSAFE**

Rescue boat / fast rescue boat davits

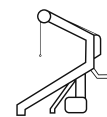
VIKING Norsafe davits are ideally suited for offshore working environments

Designed to ensure safe and efficient launch and retrieval, our rescue davits are suitable for most rescue boats, including fast models. As a minimum, all rescue boat davits are SOLAS-approved, with options including Fast Rescue Boat Launching Appliances and Norsok R-002.

- Operations in dead ship operation with accumulated stored power
- Fully oil-submerged hydraulic winches
- Stand-alone solutions that require only electrical power from rig or vessel
- Delivered complete to enable installation and testing in one working day
- Equipment can be ATEX or IEC EX-specified for operation in hazardous zones
- Special solutions available for extremely high or low temperatures



MODEL
VIKING Norsafe Merlin-615 and NDA-25B



MODEL
VIKING Norsafe Magnum-750 MKI and NDA-40

Slewing combi rescue/raft davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
NRC-25 MKI	Matrix-450 MKI, Midget-500 MKII, Midget-530 MKII + Rafts	2500	2300
NRC-25 P MKI	Matrix-450 MKI, Midget-500 MKII, Midget-530 MKII + Rafts	2500	2450
NRC-34 MKI	Midget-500 MKII, Midget-530 MKII, Merlin-615 MKI + Rafts	3400	2800

A-frame rescue davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
NDA-25 B HST	Midget-530 MKII, Merlin-615 MKI, Mako-655 MKI, Magnum-750 MKII	2800	2500
NDA-65 MKI	Magnum-850, Maya-850	6625	7800
NRB-20 MKII	Midget-500 MKII, Midget-530 MKII	2000	2100
NRB-30 MKII	Merlin-615 MKI, Mako-655 MKI	3000	3150
NRB-30 MKII HS	Merlin-615 MKI, Mako-655 MKI	3000	3150
NRB-30 MKII HST	Merlin-615 MKI, Mako-655 MKI	3000	3150
NRB-40 MKII	Mako-655 MKI, Magnum-750 MKII, Marathon 900	4000	4000
NRB-40 MKII HS	Mako-655 MKI, Magnum-750 MKII, Marathon 900	4000	4000

Cantilever rescue davit

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
NDC-40 MKI	Merlin-615 MKI, Mako-655 MKI, Magnum-750 MKII	4000	1950



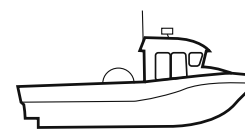
MODEL
VIKING Norsafe Munin-1000

Daughter craft

Efficiency and reliability when it counts

VIKING Norsafe daughter craft are designed to operate away from offshore installations for extended periods of time. Ideal for all types of marine search and rescue missions, they feature excellent reliability, maneuverability and sea-keeping abilities.

Model	Engines	Dimensions (m) L x W x H	Capacity (max. persons @ 82.5 kg)	Weight kg (incl. max. persons)
MUNIN-1000 MKI	Twin diesel engine with waterjet (stern drive alternative)	10.60 x 3.51 x 3.75	24	7980
MUNIN-1200 MKI	Twin diesel engine with waterjet (stern drive alternative)	11.95 x 3.51 x 3.75	24	9480



MODEL
VIKING Norsafe Munin-980 MKI

Work Boats

VIKING Norsafe work boats are designed to support special operations around offshore installations and facilities.

The robust and highly maneuverable platform allows use in multiple roles, including:

- Line-handling and boom deployment with bollard pull up to 3 tons

- Flexible load carrying with options for cargo rails
- Can be equipped to support inspections dive support activities

Model	Dimensions (m) L x W x H	Capacity (max. persons @ 82.5 kg)	Weight kg (incl. max. persons)
MUNIN-980 MKI	9.91 x 3.60 x 4.30	10	8100
MUNIN-1200	12.00 x 3.60 x 4.30	10	9100

Hooks

Reliable lifeboat hooks are an important for ensuring that your lifeboat won't launch before you're good and ready.

VIKING Norsafe offers two different hook designs manufactured in-house. You choose which suits your lifeboat system best.

Both fit our lifeboats and most other brands – so you can be sure that your lifeboat systems will be deployed effectively.



VIKING Nadiro Drop-In-Ball™ hook system



- Simplifies crew training and needs minimal crew and time to operate. Easy user interface inside the lifeboat and intuitive re-hooking with a safe and easy click-in system.
- Gravitational forces keep the hook closed. Hydraulic powered release and back-up release mechanism ensures reliability
- Few moving parts and no hidden components for efficient servicing
- Compliant with IMO regulations Res. MSC.320 (89) and LSA Code
- Can be fitted or retrofitted on almost all makes of lifeboats, rescue boats and fast rescue crafts

Our unique, patented Drop-In-Ball™ hook system delivers safer operation, ensuring that no lifeboat can be unintentionally released high above sea level.

- Off load hook with onload capability, SOLAS. Range of standardized hooks covers lifeboat capacities up to 150 people. Available as single and double fall hook system in 3.2 T, 7.5 T and 12.5 T versions with a hook capacity of 3250 kg. for each hook (32 kN)

Type	SWL
VIKING Nadiro DIB32, single point	3.20 tonnes
VIKING Nadiro DIB32, dual point	6.50 tonnes
VIKING Nadiro DIB75, single point	7.50 tonnes
VIKING Nadiro DIB75, dual point	15.00 tonnes
VIKING Nadiro DIB125, single point	12.50 tonnes
VIKING Nadiro DIB125 dual point	25.00 tonnes

We can supply VIKING Nadiro Drop-in-Ball™ hooks in versions for rescue boats and up to 150 person lifeboats.



VIKING Norsafe TOR MK2

on-load release hook

The TOR MK2 is based on a design that has been the industry standard for 30 years. Extensive design and testing process in cooperation with leading oil and gas operators to ensure reliability, simplicity and durability. Intuitive operation to the risk of human error.

The TOR MK2 hook system has been evaluated in line with recent LSA codes, including IMO Res. MSC.320(89) and MSC.321(39). A complete product range is suitable for all sizes of conventional lifeboats.

Advantages

- Duplex manufacture with maintenance-free bearings. The TOR MK2 is not sensitive to wear and tear and without critical tolerances
- Passive system where cables and connections are not under tension when not in use, cables operate on a push basis - keeping the hook secure in case of failure
- Only visual inspection by crew is required
- Intuitive operation instructions with graphic representation of operation stages
- Compatible with all VIKING Norsafe lifeboats
- Zero-accident record

Type	SWL
TOR MK2-S 3.36T	3.36 tonnes
TOR MK2-S 6T	6.00 tonnes
TOR MK2-S 9T	9.00 tonnes
TOR MK2-S 12T	12.00 tonnes



VIKING Norsafe K4-D

off-load release hook

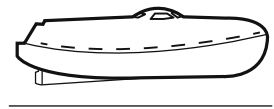
The K4-D and K4-D-FM hooks are designed for single fall lifting. Normally installed on the center console of a rescue boat, they can be installed either as a flat mount solution together with an adaptor plate or without the adaptor plate, fitting into existing lifting foundations.

Advantages

- Designed for ease of use, they can only be opened when there is no load on the fall wire
- Successfully tested and approved by DNV GL according to MSC.81(70) as amended
- Not sensitive to wear and tear
- No critical tolerances
- Made of duplex stainless steel
- Only visual inspection is required by the crew
- Compatible with all VIKING's Norsafe rescue boats



**VIKING
NORSAFE**



Norwegian Offshore Performance Standards

Setting the highest industry safety equipment requirements and adopted as best practice all over the world



MODEL
VIKING Norsafe GES-52 and SW-52

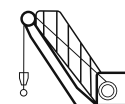
VIKING Norsafe's larger free-fall lifeboats are designed and built according to DNVGL-ST-E406, which is mandatory in the Norwegian offshore industry

- DNVGL-ST-E406 has been adopted by other national regulators, who recognize it as an achievable and desirable safety standard
- DNVGL-ST-E406 covers the safe evacuation of all personnel, defined to be from 150-210 cm and from 50-150 kg
- The performance standard guarantees evacuation up to 100-year storm conditions at the host installation's specific location without exposure to harmful accelerations
- VIKING Norsafe can provide site and host-specific analysis of lifeboat occupant safety through DropSim™ analysis. It is verified by monitored full-scale testing – at the VIKING Norsafe Academy or on board. This provides operators with an ALARP ("As Low As Reasonably Possible") risk analysis which is used as part of daily safety assessments.



Ergonomic cabin design as required by DNVGL-ST-E406

NORSOK R-002



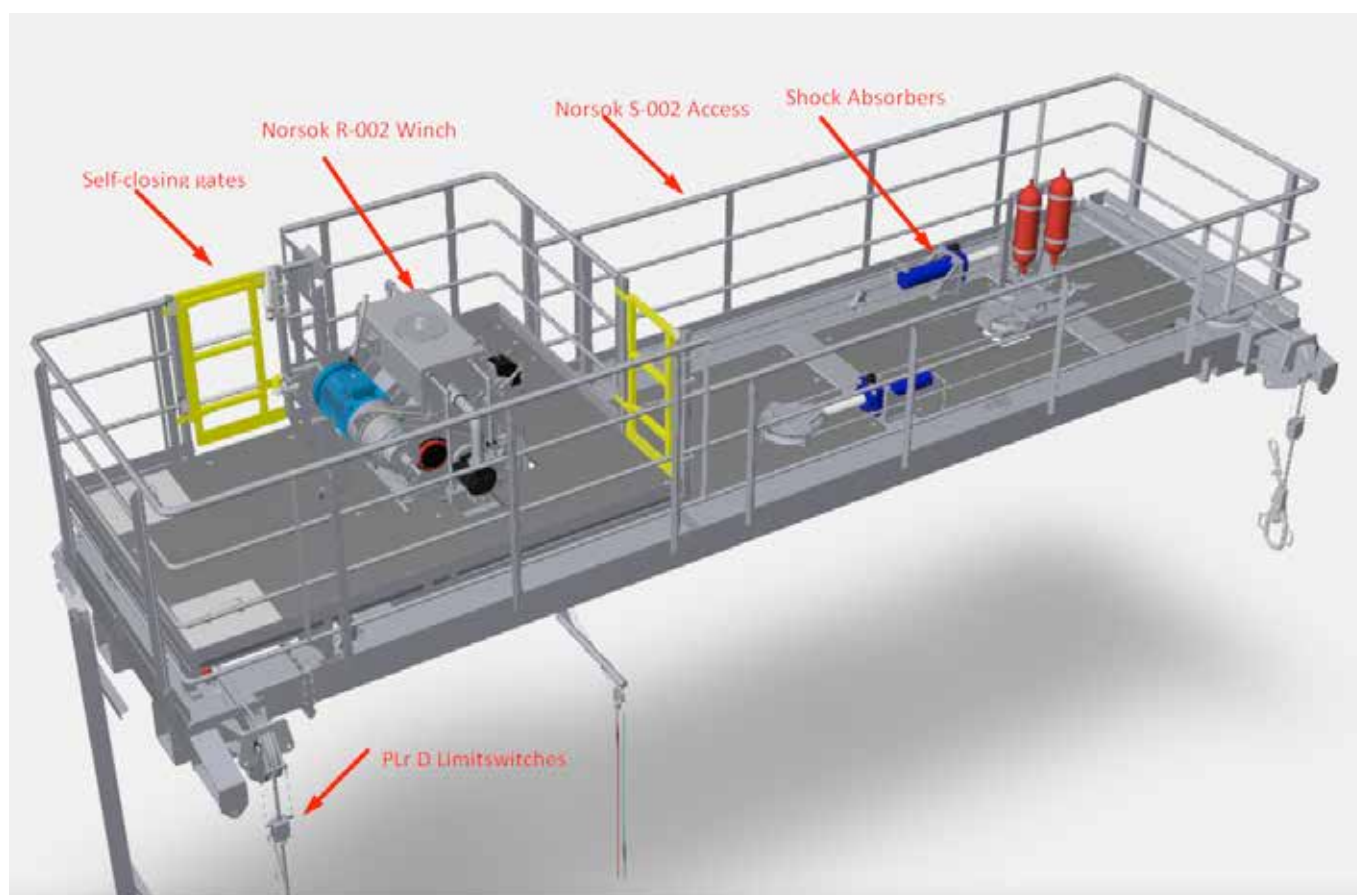
Conventional lifeboat davits

Designed and manufactured according to stringent NORSOK requirements

VIKING Norsafe is the only manufacturer which has taken on the challenges of Norsok R-002 in our davit systems and boat lifting arrangements.

Conventional lifeboats systems can be supplied to both new and existing platforms.

- Double barrier breaking systems
- Dual operation modes (evacuation and training)
- “Pull and Go” winch technology
- Shock-absorbing systems to avoid harmful acceleration during launch
- FMECA analysis completed for all designs
- Typically installed on jack-up drilling rigs or existing fixed platforms, the davits can be installed at heights up to 100 m
- Machinery Directive certified for lifting of personnel from fixed installations
- DNV GL design review as 2017 edition of Norsok R-002

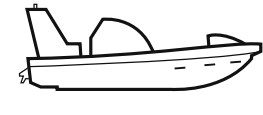


Implementation of R-002

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
C-7.8-NO MKI	Maud-9.4, JYN-85	12236	7200
C-9.7-NOMKI	Maud-9.4, Maggie 10.7, JYN-100	15290	10250
C-11 NO	JYN-115	20387	12500
LH-200 NO	JYN-115	20387	11300



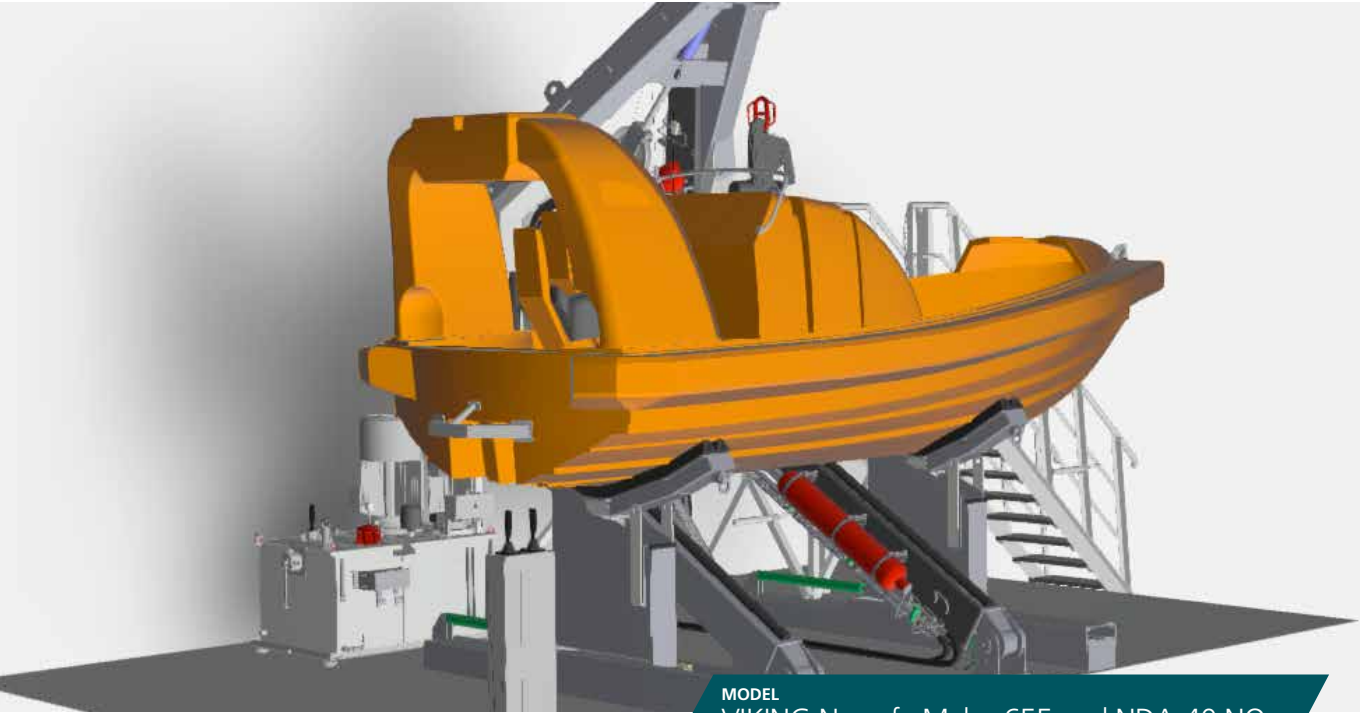
VIKING
NORSAFE



NORSOK R-002 rescue boat davits

Designed and manufactured according to stringent NORSOK requirements:

- Double barrier breaking systems
- Dual operation modes (evacuation and training)
- Shock-absorbing systems to avoid harmful acceleration during launch
- FMECA analysis completed for all designs
- Typically installed on jack-up drilling rigs or existing fixed platforms, the davits can be installed at heights up to 100 m
- DNV GL design review as 2017 edition Norsok R-002
- Machinery Directive certified for lifting of personnel from fixed installations



MODEL
VIKING Norsafe Mako-655 and NDA-40 NO

Fast rescue davits

As Norsok S-001 Section 22.4.1, two rescue boat launching arrangements are required. VIKING Norsafe has created a davit concept which allows both launching by davit winch and availability for crane launching by means of a telescopic cradle.

The system is available for VIKING Norsafe models Mako-655, Magnum-750 and Magnum-850 fast rescue boats which are all assessed according to Norsok R-002.

Product Name	Davit fit boat types	SWL (kg)	Davit system weight (dry)
NDA-40 NO MKI	Mako-655 MKI, Magnum-750 MKII	4078	5080
NDC-40 NO	Mako-655 MKI, Magnum-750 MKII	4078	5080
NDA-65 NO MKI	Magnum-850, Maya-850	6625	7800

Winterization

VIKING Norsafe is an industry leader in winterization technologies for lifeboats and rescue boats, based on years of experience in developing equipment specifications and standards.

VIKING Norsafe has participated actively in the week-long Polar code trials SAREx I and SAREx 2 at Spitzbergen in 2016 for standard equipment and 2017 for winterized equipment.

These real world tests are included in our concepts for winterized equipment – including equipment standards, maintenance and operation procedures.

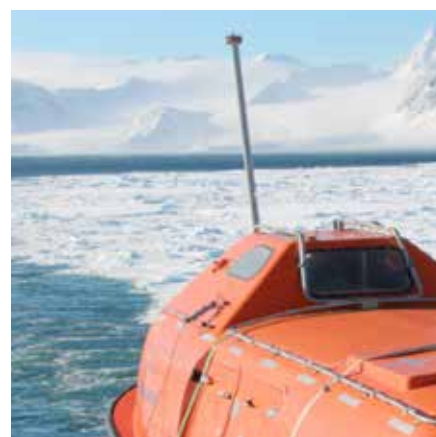



PHOTO COURTESY OF SAREX

Polar Code experience

VIKING Norsafe has performed work for tanker operators, research agencies, coastguards and navies around the world to provide Polar Code lifeboat and rescue boat equipment - which is goal based for the vessel and its operational parameters.

We can provide a risk-based assessment which defines the required specification and capacities. This work is defined by 3rd parties, who issue Polar Code Document of Compliance.

		ABS House 1 Frying Pan Alley London E1 7HR United Kingdom Tel: +44 (020) 7377 4422 Fax: +44 (020) 7377 4417	
Project ID Number:	Report Number:	Office Location:	Date:
4142306	4142306-DoC-JYN-85/LH-140	London	20 th September 2018
DECLARATION OF CONFORMITY (DoC) In accordance with the additional requirements of the Naval Ship Code application of the SOLAS Convention, and the Life Saving appliance (LSA) Code and Chapter 8 of the POLAR Code			
NORSAFE JYN-85 CONVENTIONAL LH-140 DAVIT LAUNCHED LIFEBOAT DESIGN			
Client Name	Norsafe AS, N-4852 Faervik, Norway		
Equipment Description	JYN-85 (40 Persons POLAR CODE Capacity)		
This is to certify that ABS Marine Services completed an Independent Review of the Norsafe AS designed JYN-85 Lifeboat and LH 140 Davit – POLAR CODE adapted conventional lifeboat			

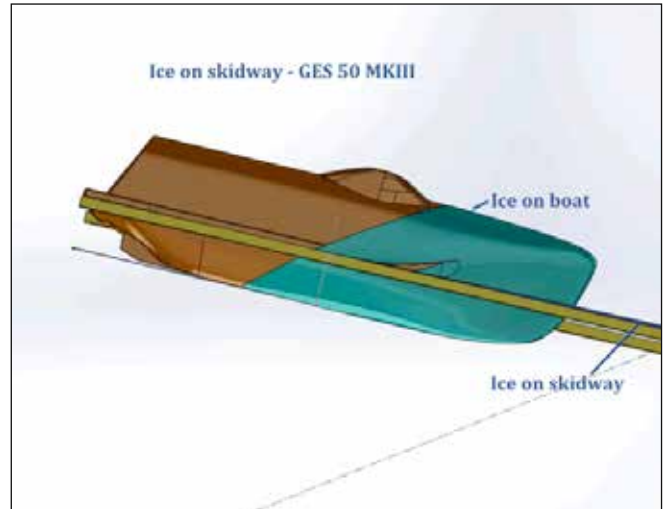
Boats and Davits in Offshore

The Technology Qualification (TQ) is defined as “The process of providing evidence that the technology will function within specified limits with an acceptable level of confidence”.

TQ – basis:

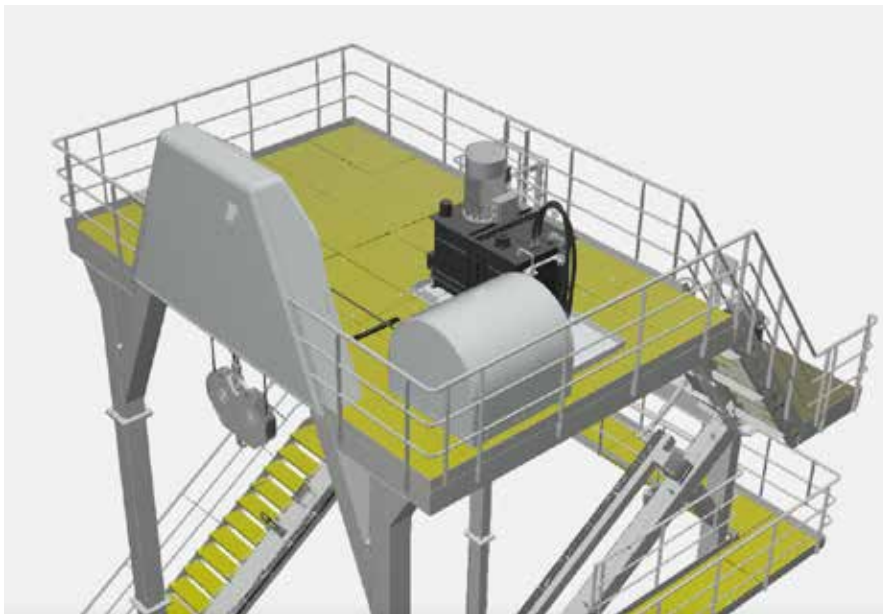
- DNVGL-OS-A201 – basic, cold and arctic
- NORSOK N-003
- MODU code amendment
- Polar Code
- RULES for ships DNV-GL
- LSA Code

VIKING is the only manufacturer with approved deliveries to DNV-OS-A201 for oil rigs.



DropSim™ with ice on free-fall davit

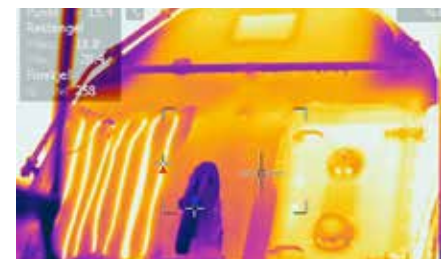
Equipment Upgrades



Local weather protection for operating equipment as DNV-OS-A201



Weatherproof entry to free-fall lifeboat



Heat tracing

Stowage and anti-icing measures

- Soft and hard shell enclosures
- Space heating and heat tracing
- Embarkation weather shelters
- Drainage of sea water inherent to the design

Special measures

- Suitable material grades
- Use of suitable fluids and lubricants

Evacuation

- Provide heating (engine, lifeboat interior)
- Management of condensation

- Provide for long time habitation inside lifeboat (Polar code)
- Evaluate material / Charpy testing of materials
- Protect from ice (stability / propeller)
- Use of suitable lubricants and seals
- Improve communication facility
- Improve air quality

Documentation

- Test certificates
- Manufacturers work certificate

VIKING Norsafe Lifeboat Enclosure (NLE)

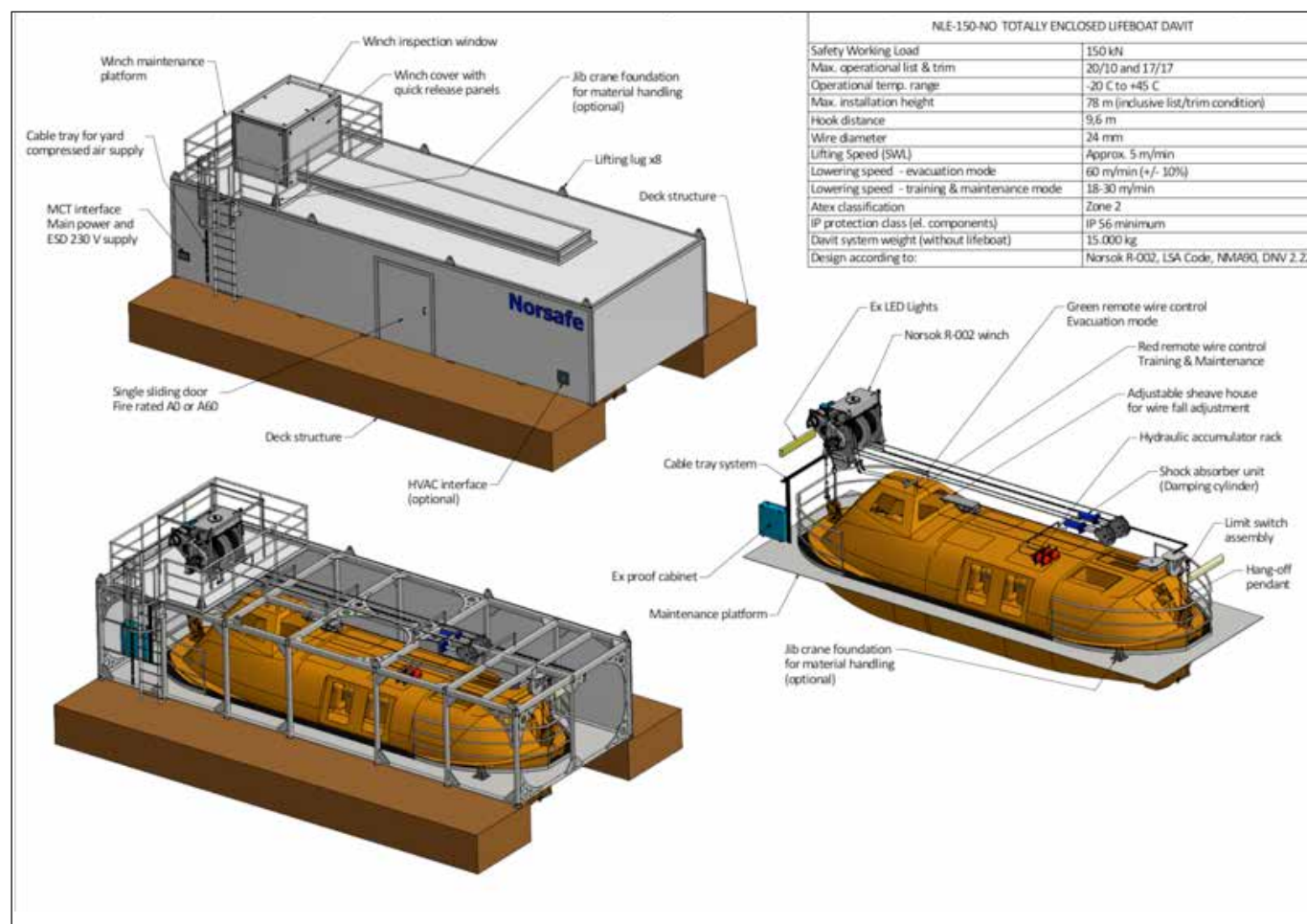
VIKING Norsafe has extensive experience supporting projects with requirements for extreme high and low temperatures, providing suitable working environment for crew activities without environmental interruption or damage.

The enclosure concept meets NORSOK design parameters and the need for DNVGL-ST-E406 equivalency in terms of occupant comfort and safety.

The equipment can be produced to any of our existing approved boat and davit concepts.

- Maintains Norsok R-002 technologies from the existing range
- Full Norsok S-002 access to all maintenance points
- Illumination within enclosure as Norsok S-002
- Material handling jib included for lifting of components within the enclosure
- Noise reduction during lifeboat drills

Fully enclosed lifeboat solution for -30 °C



VIKING Norsafe NLE solution



VIKING Norsafe E-GES

100% electric propulsion for improved user friendliness

VIKING Norsafe has developed the E-GES free-fall lifeboat in close co-operation with DNV GL and NMA (Norwegian Maritime Authority). The objective was to assess the feasibility of an electrically powered free-fall lifeboat concept and determine reductions in operation and maintenance efforts. The basis of the study was the VIKING Norsafe's E-GES 45 free-fall lifeboat, already built in compliance with DNVGL-ST-E406.

All diesel related propulsion equipment was removed and replaced with an electrically driven system.

The study involved a full design and testing programme as DNVGL-ST-E406 and included CFD simulations, scale model and prototype testing. After a two year program it has been demonstrated that electrical propulsion is a realistic alternative for free-fall lifeboats. VIKING Norsafe E-GES lifeboats are already available for offshore customers.



Fully adjustable seating



Dual helmman position



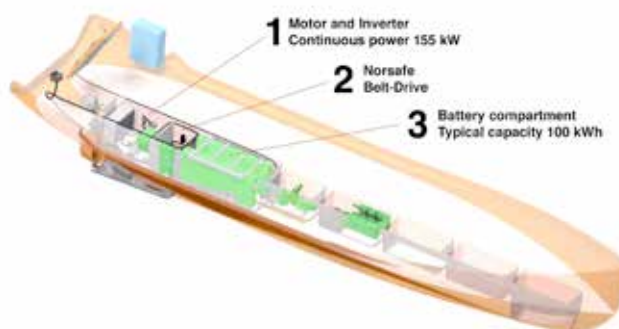
Electric motor and inverter

Safer and smarter



What customers say about the benefits of the E-GES

- Significant reduction in OPEX cost, hundreds of hours reduced in maintenance intervention
- Remote monitoring of equipment from bridge and onshore locations
- The driveline can be remotely started and stopped, and performance recorded, without personnel entering the lifeboat
- 90% reduction in air bottle capacity, saving weight and lowering maintenance effort
- No need for diesel fuel reducing problems of supply and contamination
- Redundancy is given by a battery management system (BMS) meaning that, in case of failure or damage, the lifeboat still functional even with one battery - so there is full redundancy
- Increased safety during sail away because of higher top speed
- High level of personnel comfort when at sea due to climate-controlled environment as well as reduced noise and vibration



Fully electric drive-line

World-class safety training



The VIKING Safety Academy is located at three facilities, in Greece, Norway and Thailand.

Centres are equipped with SOLAS equipment including free-fall lifeboats, conventional lifeboats and fast rescue boats. This allows both safety training as well also operation and maintenance training for offshore staff.

The academy facility in Norway has a multiple height, multiple boat free-fall launch tower which allows manned free-fall training to a maximum of 40 m. This means that training can be completed with equipment equivalent to those installed offshore, considered to be critical in the offshore industry.

VIKING Safety Academy staff also travel overseas to conduct on-site technical training and testing with our customers.

Height and width adjustable free-fall test tower for multiple boat types

Course availability

The VIKING Safety Academy is certified to provide marine and offshore courses specific to industry requirements for conventional lifeboats, free-fall lifeboats and rescue boats

Offshore courses

- NOROG OSE129 Skid type lifeboat, basic and refresher course
- NOROG OSE135 Conventional lifeboat coxswain, basic and refresher course
- NOROG OSE114 Small MOB boat, basic and refresher course
- NOROG OSE1141 Large MOB boat, basic and refresher course

Maritime courses

- STCW A-VI/2-1 Proficiency in survival craft and rescue boats other than fast rescue boats, basic and refresher course
- STCW A-VI/2-2 Proficiency in fast rescue boats, basic and refresher course
- STCW A-VI/2-1, 3, 4-1 Proficiency in survival craft, advanced firefighting and first aid - upgrade course for ships officers, refresher
- Combination course STCW A-VI/2-1 and NOROG OSE 129 Freefall lifeboat Combination course STCW A-VI/2-1 and NOROG OSE 135 Conventional lifeboat
- STCW A-VI/4-2 Medical care course, refresher
- STCW A-VI/1-1, 1-2, 1-3 & 1-4 Basic safety training for seafarers, basic and refresher
- STCW A-VI/6-1 Security awareness training
- STCW A-VI/6-2 Seafarers with designated security duties
- STCW A-V/2-1, 2-2 Crowd and crisis management, basic and refresher



Tailor-made training

Operations and maintenance course for VIKING Norsafe lifeboat and FRC systems. Courses are intended to prepare operator staff for daily management and troubleshooting of the equipment.

Train the trainer

The VIKING Safety Academy has developed specialised courses designed to improve competence in other schools and training centres as well as with equipment surveyors. The courses have been a great success in giving industry professionals an updated overview of the latest developments.

Topics covered in the four-day course include:

- Operation and maintenance training of free-fall lifeboat systems (including free-fall drop testing)
- Conventional lifeboats, release systems and davits
- Rescue boats and davits
- Update on latest IMO and EU regulations
- Accident evaluation procedures



MODELS
VIKING Norsafe Magnum-750 MKII and GES-50 MKIII

Compliance

VIKING Norsafe leads the industry in the development of equipment which is assured to perform on a particular installation, at a specific location, up to 100-year storm conditions.

VIKING Norsafe has engaged with high technology partners to develop compliance processes and methods which can provide safety critical verifications. The tools created for this design and verification are technically exclusive to VIKING Norsafe and mean that equipment can be defined to Performance Standards.

VIKING Norsafe has the widest range of products approved to Norwegian Offshore Performance Standards including – including three free-fall lifeboats and davits systems, four conventional lifeboats and davits and three rescue boats and davits.

This enables our equipment users to use ALARP (“As Low As Reasonably Possible”) risk assessment of LSA Equipment as part of daily safety processes.



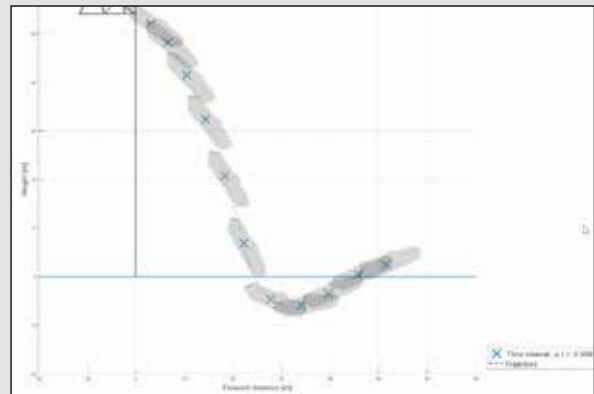
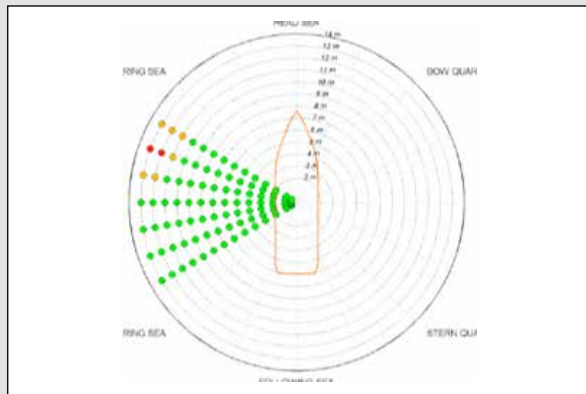
MODEL
VIKING Norsafe GES-50 MKIII

DropSim™ free-fall launch verification

Exclusive to VIKING Norsafe, DropSim™ technology is based on an extensive development project consisting of CFD Analysis, model testing in 1:13 and then 1:4 scale in test tanks. It is used to simulate the launch trajectory of free-fall lifeboat from host location in all conceivable conditions - thousands of launch cases are generated to prove that the free-fall lifeboat installation is statistically demonstrated.

The results from DropSim are compiled and verified by full scale testing including monitoring as required in DNVGL-ST-E406. Full scale acceptance testing- to verify the findings of DropSim™ - is completed either onboard or at VIKING Norsafe Academy (avoiding schedule issues and crew risk).

Launch study



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Page 1 of 2

Project ID Number:	Report Number:	Office Location:	Date:
3841128	3841128-DoC-GES 50 MKIII	London	13th June 2017

DECLARATION OF CONFORMITY (DoC) In accordance with Offshore Standard DNV-OS-E406 (April 2010) NORSAFE GES 50 MK III - FREE FALL LIFEBOAT DESIGN

Client Name : Norsafe AS, N-4852 Faervik, Norway
Equipment Description : GES 50 MK III (70 Persons Maximum Capacity)

This is to certify that ABS Marine Services completed an Independent Review of the Norsafe AS designed Free Fall Lifeboat GES 50 MK III to verify conformance in accordance with the requirements as defined in the DNV Offshore Standard DNV-OS-E406

NORSAFE AS giving results indicating equivalent or less onerous requirements for the Browse LNG Basin and Field conditions in comparison to the original design parameters based on the site specific requirements of the Luva/Aasta Hansteen Metocean field – also known as “North Sea Max”.

The following notes shall be taken into account in relation to this DoC:

- Documentation is based on DNV Offshore Standard DNV-OS-E406 (April 2010) as a design basis for 6 ft Free Fall Lifeboat GES 50 MK III for the FLNG
- Site specific requirements have been replaced for all prototype GES 50 MK III documents by specific (taken from the Browse LNG basin metocean data) field conditions or where more onerous conditions are found Luva/Aasta Hansteen Metocean field – also known as “North Sea Max” have been used previously in association with ABS Marine Services DoC Report no. 3259645-DoCGES 50 MKIII of 4th July 2014.
- Host specific requirements have been replaced with “worst case” intact installations and “worst case” damaged conditions: 29.46 meter (LB1) & 32.99 (LB6) meter, 0° list/ 0° trim (intact) and LB1 34.69 meter, -10.95° list/ -0.41° trim and LB6 34.31 meter, 2.35° list/ -0.81° trim (damaged) for FLNG evaluation.
- All GES 50 MK III boat type specific documentation is approved by Type Examination Certificate and fulfilled Test Programs.

Declaration of Conformity (DoC) issued without prejudice.

Paul Shannon
ABS Marine Services Ltd

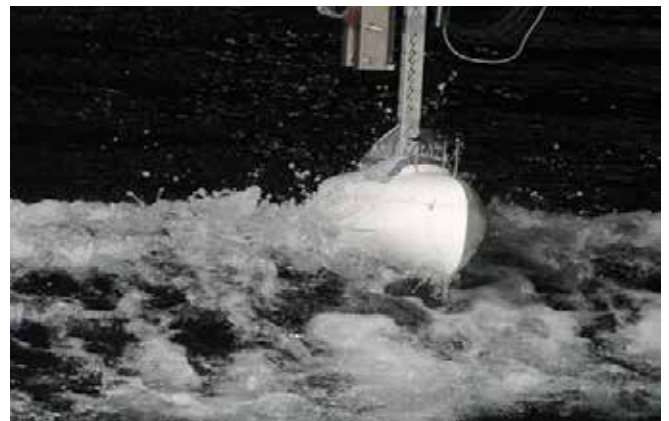
Appendix 1 ABS Marine Services Review Check Sheet

Appendix 2 REP-1034: DROPSIM Results
REP-1097: Design Basis Comparison
REP-1102: Full Scale Acceptance Test results

This certificate or report is granted or issued subject to the condition that it is understood and agreed that nothing herein shall be deemed to release any designer, manufacturer, seller, supplier, regulator or operator of any warranty, express or implied and ABS Marine Services Ltd. liability shall be limited to the acts and omissions of its employees, agents, and subcontractors. Under no circumstance whatsoever shall ABS Marine Services Ltd. be liable for any injury or damage to any person or property, occurring by reason of negligent operation, misuse of or any defect in materials, machinery, equipment or other items other than defects in items actually inspected by ABS Marine Services Ltd. and ascertainable by normally accepted testing standards, or defects reflected in documents reviewed by ABS Marine Services Ltd. and ascertainable by normally accepted testing standards, or defects reflected in documents reviewed by ABS Marine Services Ltd. and which are covered by this certificate or report.

GRP MAR (11/06)

ABS Marine Services Ltd. Registration No. 2562242

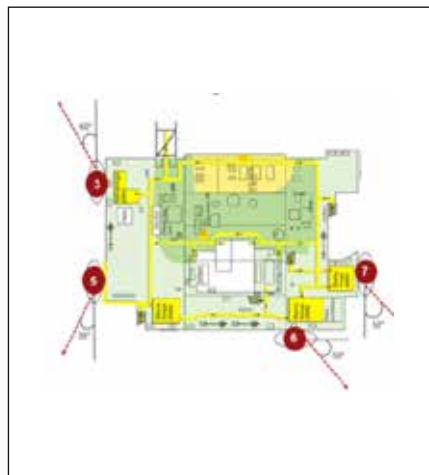


Model testing in wave tank

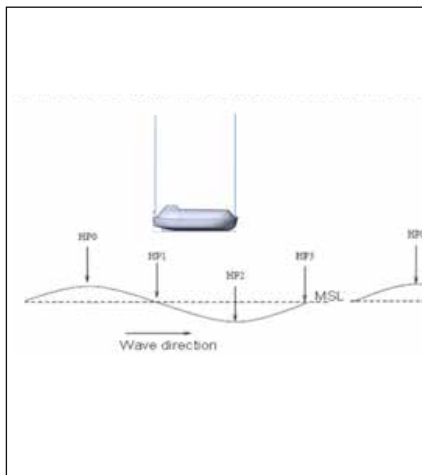
DavitSim™ – conventional lifeboat launch verification

Exclusive to VIKING Norsafe, DavitSim™ technology allows operators to verify demonstrate that occupant safety is equivalent to free-fall lifeboats, meeting DNVGL-ST-E406.

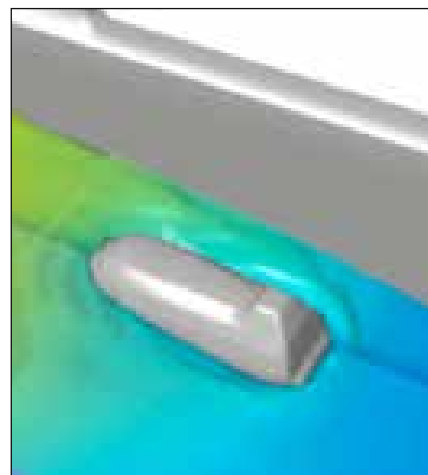
This is achieved by simulations of human injury prediction for conventional lifeboat launch from the host installation - showing safe lowering, hook release and sailaway.



DavitSim™



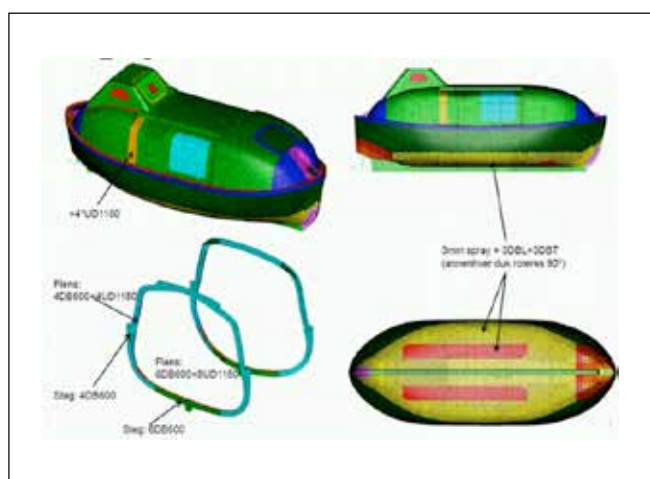
Hit points



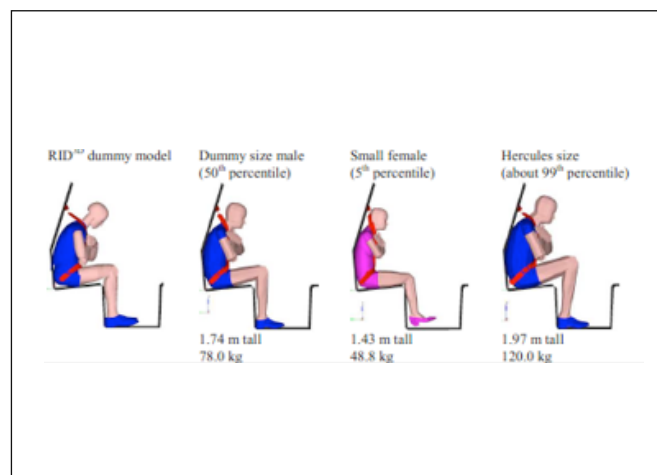
Water entry



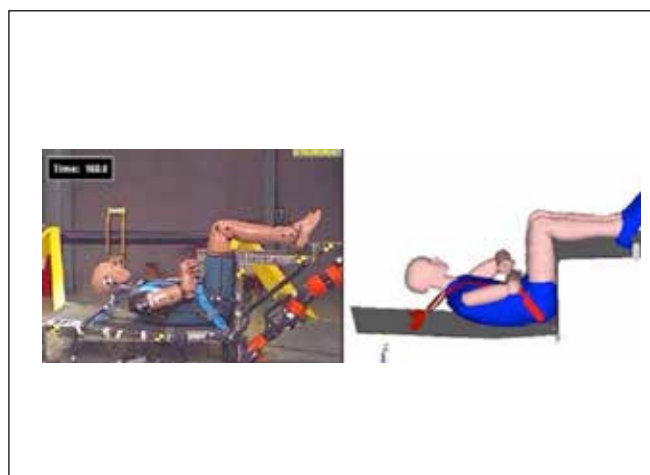
Model testing



Finite Element Analysis



Dummy testing

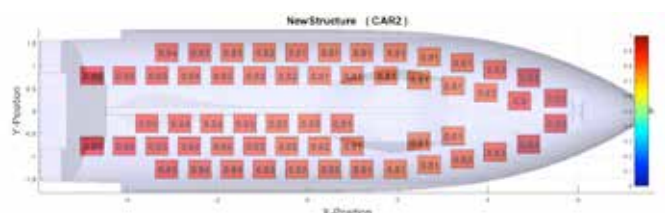


Seating verification



Onshore testing

VIKING Norsafe uses the test tower to perform inshore fullscale of free-fall lifeboats, as required by DNVGL-ST-E406. This avoids the complexity and risk of testing from offshore installations. The approach is recognised by classification societies and national authorities.



Every seat location is verified

Offshore Standard DNV-OS-E406, April 2010 - Section 9 -D. Full Scale Acceptance Testing

101 Acceptance testing shall be carried out for each manufactured lifeboat. The main purposes of the acceptance testing are:

- To document that the actual lifeboat does not have any structural deficiencies which could be detrimental in a real launch situation.
- To test that the release systems installed on the host platforms are functioning properly
- To ensure that all systems within the lifeboat are functioning properly.

102 For full scale acceptance tests a minimum of one drop test per lifeboat shall be carried out. The loading condition shall be 100%.

103 For the acceptance testing, the launch height shall be the same as the launch height that applies when the lifeboat is launched from its permanent position in the lifeboat station.

105 If full scale testing on site is considered unsafe, difficult or impractical, full scale tests can alternatively be executed inshore. Two types of test sites may be considered for such inshore testing:

- Inshore, in protected (calm) waters
- Coastal location where tests may be executed with exposure to higher waves.

201 The level of instrumentation for acceptance testing may be limited to registration of accelerations during the launch and water entry. However, it is recommended also to monitor the deformations of the canopy and the hull.

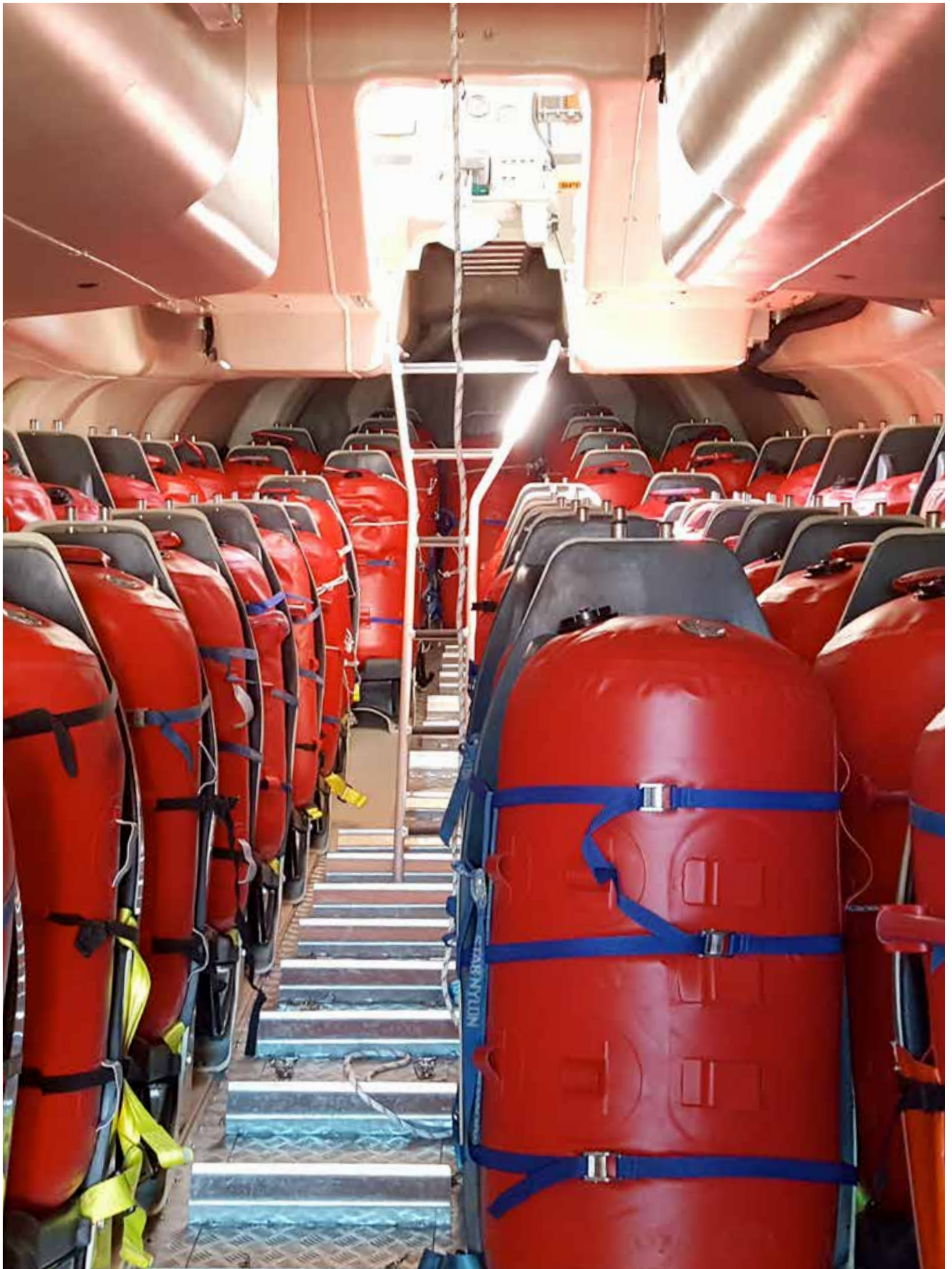
This facility is increasingly engaged by construction yards who wish to receive fully tested equipment, ready to be installed on the platform or vessel.

Regulators are also insisting that the periodic free-fall testing is completed, so there is a trend for operators to use "rotation boats". An extra boat can be supplied which is used same as those offshore. This is used in place of existing boats which are brought onshore for full scale testing by VIKING Norsafe, without disruption to offshore activities



Load testing onshore R-002 cantilever davit

VIKING Norsafe is able to fully test cantilever davit systems to NORSOK R-002 requirements, allowing straightforward installation afterward.



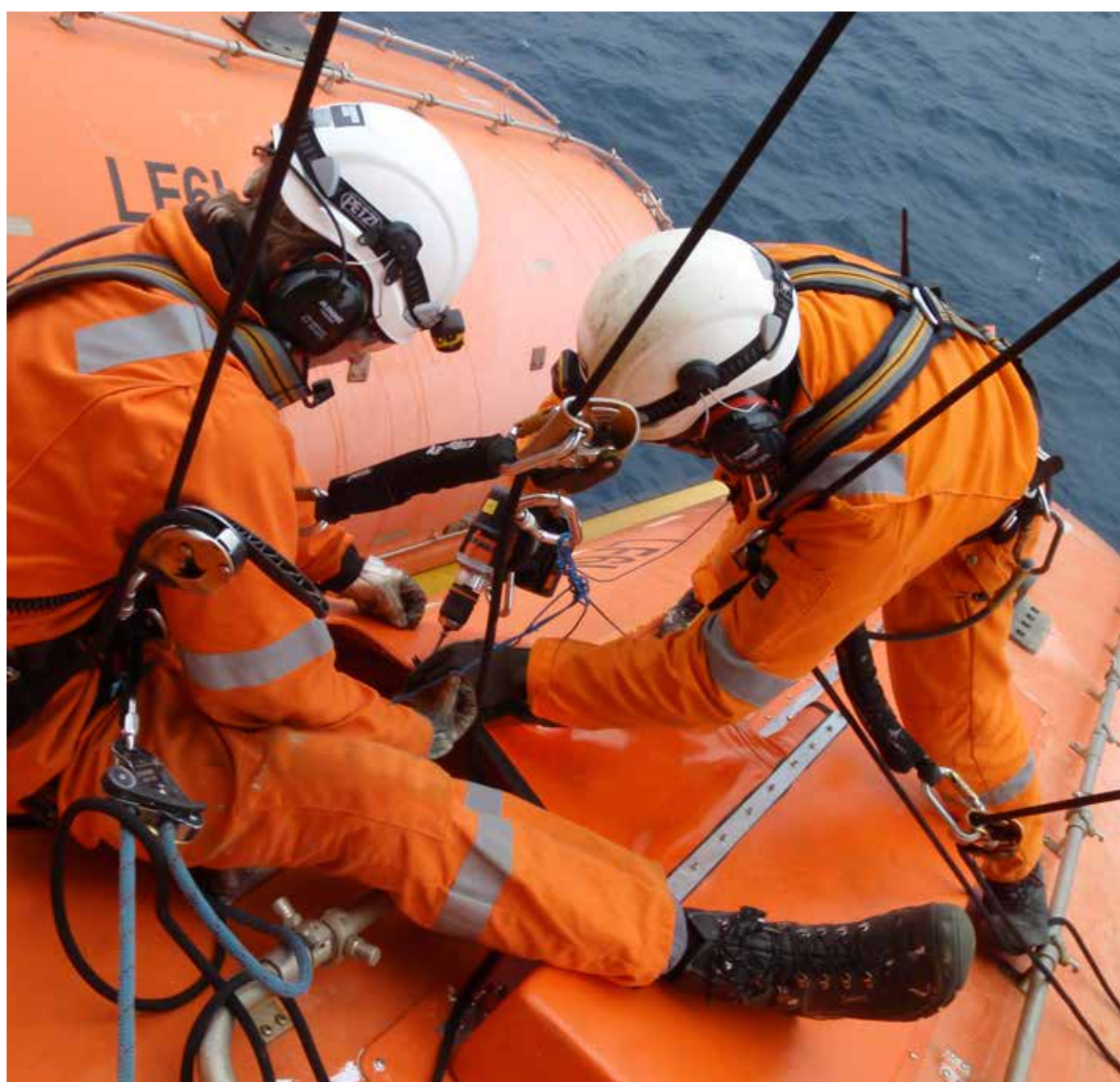
Test load secured in free-fall lifeboat

Trouble free retrofit

VIKING Norsafe is a proven and trusted provider of retrofit solutions for both conventional and free-fall lifeboat installations. Our extensive experience allows us to generate engineering solutions which are manufactured and installed to aggressive timescales.

Operators can upgrade or replace obsolete equipment (due to age or out of date compliance) with minimum working impact and confidence that VIKING Norsafe will meet project objectives.

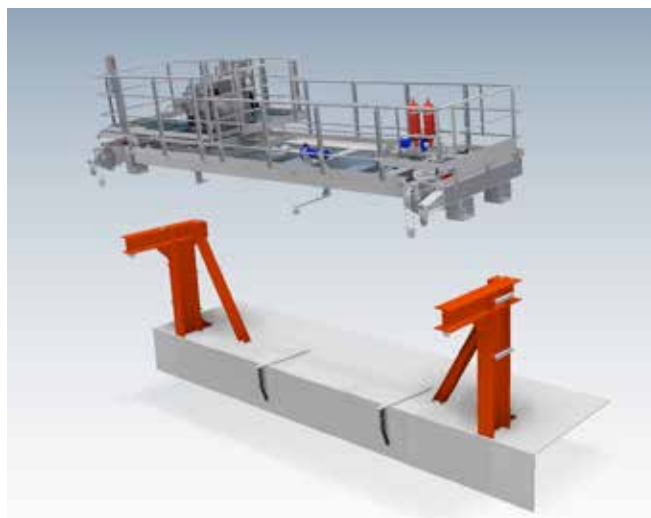
Installations are completed both onshore and offshore, with our site specialists working along-side operator personnel every step of the way.



Conventional lifeboat offshore replacement, fixed platform in Norway



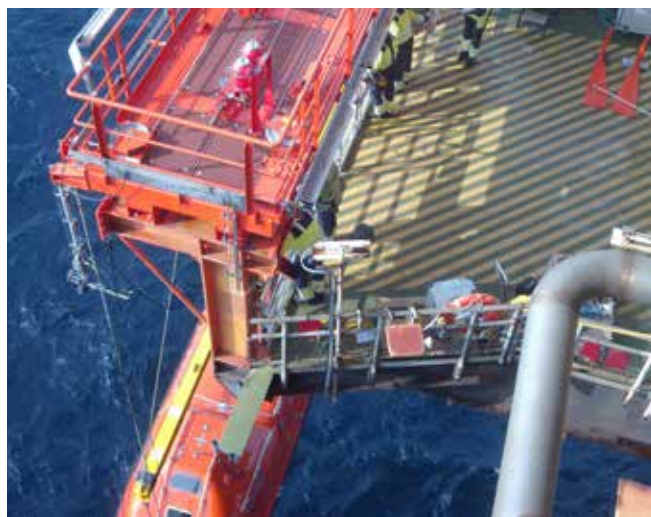
Existing obsolete SOLAS installation



Design NOR-SOK R-002 compliant sections to suit existing davit structure



Davit sections - fully function tested onshore - replaced offshore

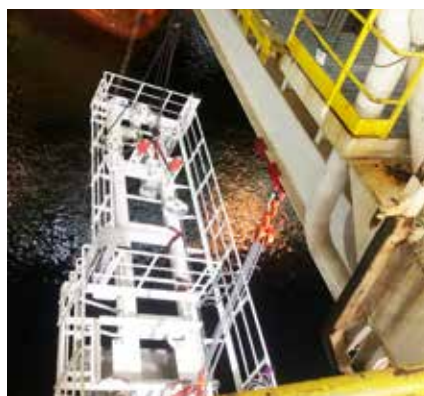


Davits installed and boats lifted into place offshore

Replacement of conventional lifeboat davits, Norwegian jack-up vessel



Removal of existing structure by helicopter



Onshore replacement of pivoting davits

- Onshore replacement of pivoting davits
- Upgrade to NOR-SOK R-002
- Removal of existing structure by helicopter
- Instruction of new davits and existing boats
- Introduction of remote simultaneous hook

Offshore FPSO, additional of free fall lifeboat and davit



Complete new davit lifted into position



New free-fall davit, welded in place and connected



Achieve Increased capacity onboard

UK offshore fixed platform replacement of free-fall lifeboat in existing davit

- No steel modification, custom boat dimension
- Onshore approval including drop testing
- Achieve UK HSE rules, 98 kg per person



Norway offshore fixed platform free-fall replacement

- New slideway installed offshore
- New 60-person free-fall lifeboats
- Boat pre-tested onshore
- DNVGL-ST-E406 compliance



Operation and maintenance

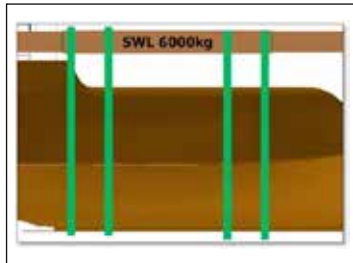
VIKING Norsafe provides operators with effective solutions that reduce the risk and complexity of operation and maintenance of boats and davits in the offshore environment

VIKING Norsafe Unibeam™

Unibeam™ is as a safe method to secure a lifeboat in the davit using a temporary lifting beam. This allows the lifeboat to undergo significant modification or upgrade (including hook replacement) without having to transfer it to a dedicated work area.

System features

- Telescopic lifting beam in three bolted sections designed to fit multiple davits
- Made from carbon fibre, lightweight for easy offshore operation (each section less than 24 kg)
- Designed for use on multiple davit models, both fixed and pivoting types
- Suspended to the davit structure in existing suspension points
- Lifeboat is suspended to the beam with standard lifting slings



Lifeboat safely suspended in the davit to allow full maintenance



Engine brake system

VIKING Norsafe can provide an engine dynamometer, which allows lifeboat engines to be operated under load. This means that waterborne testing of the lifeboat can be avoided.

The engine brake system has been developed for general maintenance and performance testing of lifeboat engines. This allows the operator to run the lifeboat engine over longer period, with load applied - to correctly demonstrate that the motor is functioning as intended. Running the engine with a load as part of the maintenance routine reduces carbon build up, and has a positive effect on the efficiency and lifetime of the engine.

Additional external freshwater cooling is provided to avoid heat damage to the engine.

The system is developed by Frydenbø and is available for Sabb lifeboat engines.



Lifeboat engine with dynamometer fitted

Onload hook testing kit

During annual inspection of the conventional lifeboat, the release gear should be inspected and simultaneous release should be demonstrated. This is as MSC.1/Circ. 1206 – Guidelines for periodic servicing and maintenance of lifeboats, launching appliances and on-load release gear. The same is required by MSC.1/Circ. 1486 – Guidelines on alternative methods for lifeboat drills on MODUs.

VIKING Norsafe has two solutions which can demonstrate hook simultaneous opening:

- The Carry on kit with base plate, gas cylinders and bar. This solution pushes the hook open at release to show that it opens simultaneously
- The Hydraulic test kit is a more significant arrangement. As well as simultaneous release, the system has larger brackets and hydraulic cylinders to demonstrate that the release gear can release with a load equal to $1.1 \times \text{SWL}$ of release gear



Carry on kit



Hydraulic test kit



VIKING Norsafe Sim2™ – Simulated free-fall

Free-fall lifeboats should be full scale drop tested periodically, although it is not always possible to physically launch the lifeboat. Because of this, IMO adopted resolution MSC.32ly5 (90) as an amendment to SOLAS chapter III, reg. 20.11.2.4. This allows for simulated launches to test the lifeboat and its release system. VIKING Norsafe provides a standardized solution, the SIM Mk2 simulated free-fall system.

- Extension to the length of the hook bracket
- Hydraulic jacks push the boat up and off of the retaining hook as normal launch procedure
- Full function of the release system can be demonstrated, under load
- As part of lifeboat drill there can be full loading and release procedure without the boat entering free-fall
- Secondary security is provided by a hold back arrangement
- Following testing the free-fall boat can be lowered back to its stowed position



VIKING Norsafe Sim2 arrangement for simulated free fall launch



VIKING Norsafe Deluge test equipment

VIKING Norsafe deluge test kit is available for all conventional and free-fall lifeboats to test the deluge (sprinkler) system without launching the lifeboat. It allows testing of the deluge system in the davit as MSC.1/Circ. 1486 – Guidelines on alternative methods for lifeboat drills on MODUs.

The test kit generates the equivalent water pressure to having the boat waterborne, without having the boat in the water. The deluge test kit can be installed on all new lifeboats and retrofitted to existing lifeboats.



Full system test of deluge system with boat still in the davit



Experience the worlds strongest lifeboat service solution

All the safety you need - from one supplier

Lifeboat service with OEM competence

Joining forces with Norsafe, VIKING now holds a unique position as a leading manufacturer and service provider for lifeboats, liferafts, offshore evacuation systems and all other major types of life saving equipment.

Adding all the benefits and efficiencies of the Norsafe OEM-grade service setup to the VIKING Offshore Safety Agreement concept, we allow our customers to streamline and simplify safety compliance like never before!

All services

VIKING offers a unique OEM approach to multi-brand lifeboat, rescue boat, launching and release gear service, maintenance, testing, retrofit, overhaul and repair. The large combined team of VIKING and Norsafe of in-house trained and certified service technicians have the experience, flexibility and competencies to deliver the right solution for any project. Also, they work to maximize cost-efficiency, regulatory compliance and safety in the process.

We control the entire service value chain including booking, administration, spares, execution, documentation and support. This ensures that our customers can always expect unmatched efficiency, flexibility and quality.

Service competencies

- Lifeboat manufacturer
- 23 state-of-the art lifeboat service facilities worldwide
- Full scope of OEM-grade lifeboat servicing
- Upgrades, refurb, spares and retrofit
- In-house training facilities



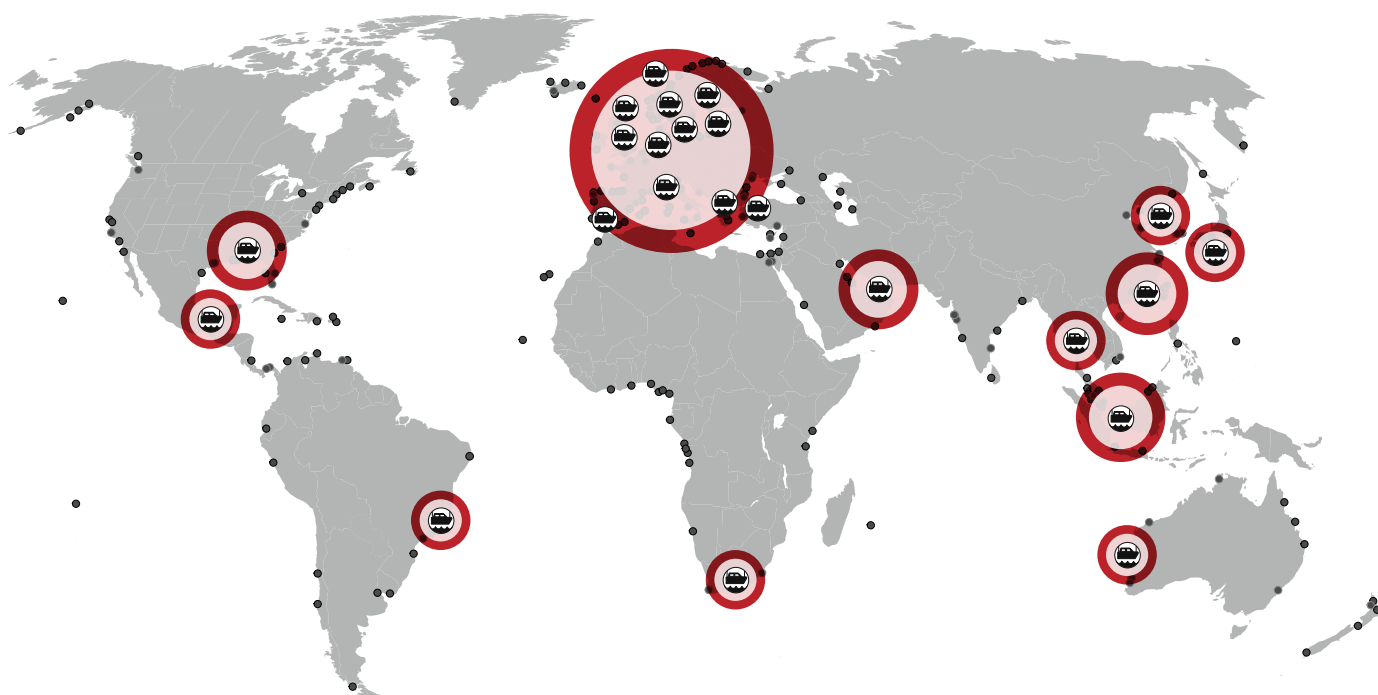
Multi-product servicing

- Consolidate servicing of lifeboats, liferafts, marine fire equipment, PPE, LSA and more
- All servicing requirements handled by a single supplier
- True one-stop safety compliance



Multi-brand servicing

- Multi-brand service with OEM competence, quality and efficiency
- Technicians trained, certified and experienced in multi-brand servicing
- All major lifeboat brands serviced with OEM-grade quality



All brands

Powered by our unique setup, VIKING can perform your annual and five yearly lifeboat inspections in compliance with SOLAS requirements and all applicable MSC guidelines.

Our facilities and technicians are fully equipped and certified to service all major lifeboat and launching appliance brands in accordance with the latest SOLAS regulations.

All equipment

What is more, with a VIKING Offshore Safety Agreement, you can achieve safety compliance efficiencies at scale, leaving your multi-product service (lifeboats, liferafts, PPE, evacuation systems, firefighting equipment and more) safely in the hands of a global one-stop-shop supplier.



VIKING owned lifeboat service station
(23 worldwide)



All major maritime hubs covered



Fixed price service in more than 100 global ports



Fixed price service + technician travel fee in any other port



VIKING owned or certified service facility
(288 worldwide)

All the world

The combined VIKING and Norsafe lifeboat service network is based on 23 cutting-edge service stations strategically located to cover all major global maritime and offshore hubs.

Manned by professional and highly trained technicians, these stations offer fixed price servicing in more than 100 key ports. Meanwhile, teams of technicians available for same day travel, ensure that similar services are, in reality, available anywhere.

Service availability

- Strong service network covering all global maritime hubs
- Global service agreements with fixed price servicing directly in over 100 key ports
- No-hassle digitalized service

Quality and compliance

- Full value chain control
- Experienced technicians trained to the highest standards
- Full documentation packages
- Full safety compliance with the latest SOLAS regulations

Local presence with global support

- Extensive global network of service planners and experts
- Digitalized notification and one-click service booking
- 24/7 support



MODEL
VIKING Norsafe JYN-100 and LH-140 hydraulic pivoting davit

Lifeboat equipment

VIKING can supply a comprehensive range of lifeboat equipment and spares to comply with the IMO LSA Code resolution MSC.48 (66)

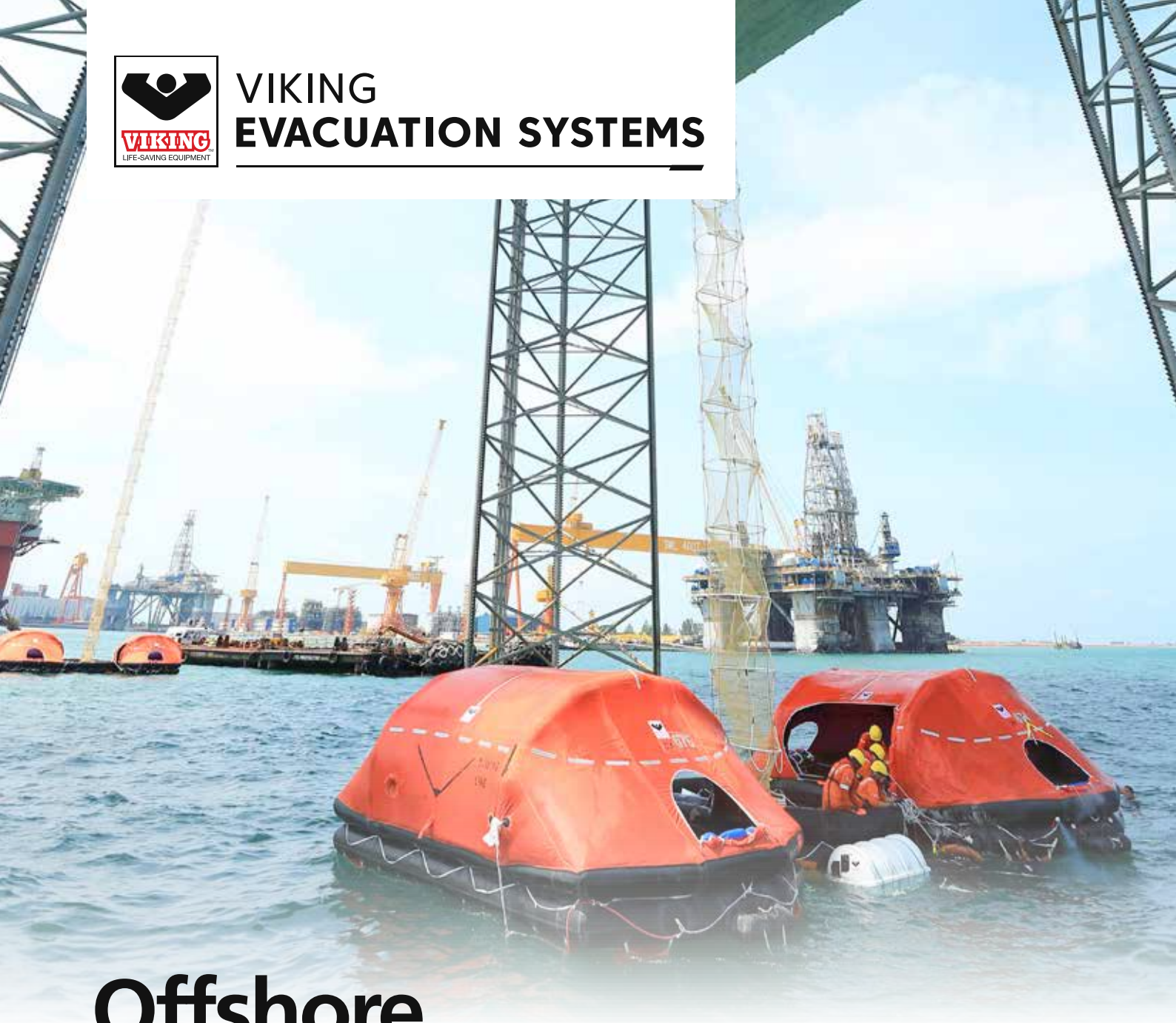
	Item no.	Description
1	1048027	Short handled firefighter axe
2	1000346	Plastic bailer
3	1024212	Boat grab hook
4	1046608	Bucket, plastic 10 ltr.
5	1032470	Compass, type Silva 70UNE
6	1048278	Dipper with chain, 100 ML
7	1000345	Drinking cup
8	1056105 1056106	SOLAS First Aid Kit I and Kit II according to regulations
9	1003682	Fishing tackle, SOLAS
10	1001206	Lightstick 6", 30 minutes, yellow
11	1000320	Handflare signal
12	1000326	Signalling mirror
13	1048289	Jack knife
14	1026653	Floating knife
15	1000321	Smoke signal
16	1000341	Storm matches
17	1003023	Paddles
18	1003809	Rescue quoit

	Item no.	Description
19	1022628	Floating line 30 M
20	1036251	Radar reflector
21	1000315	Food rations
22	1000313	Water
23	1000321	Parashot rocket
24	1056776	Sea anchor
25	1004132	Search light
26	1003372	Seasickness bags
27	1000349	Seasickness tablets
28	1065696	2 kg. fire extinguisher
29	1005824	Table of life-saving signals
30	1000333	Sponge
31	1065885	Thermal Protective Aid
32	1000314	Tin opener
33	1066814	Signal lamp incl. batteries and bulb
34	1058946	Whistle
35	1005823	Survival instructions





VIKING EVACUATION SYSTEMS



Offshore Evacuation Systems

When every minute counts!

Every minute counts when an offshore installation must be abandoned. Safely evacuating the maximum number of crew in the shortest amount of time is paramount and key performance indicator of any evacuation system. High capacity life-saving equipment must be easy to handle while requiring limited involvement by crew.

VIKING's evacuation systems provide efficient evacuation, exceptional stability and are trusted by offshore crews worldwide.

VIKING offers unique custom designed evacuation systems for safe, simple and reliable evacuation for all types of fixed and floating offshore installations, such as platforms, wind farm substations, FPSOs, jack-ups and semi-sub.



Chute-based evacuation systems

With the widest range of evacuation chute systems, only VIKING can offer solutions for all installation types

Designed specifically to increase personal safety, our chute based evacuation systems ensure protection from the elements and a quick, safe and easy descent to sea level.

Our chute-based evacuation systems meet the standards for different operational conditions and are compatible for all types of offshore installations.

With more than 500 evacuation systems installed worldwide, VIKING can support an extensive network of locally-based servicing technicians, which means cost-effective and convenient service where and when you need it.

Meets offshore regulations

All VIKING offshore evacuation systems are constructed according to specifications outlined in the SOLAS regulations, LSA Code, MODU Code, NORSOK, PSA (Petroleum Safety Authority Norway) regulations, NMA regulations and more.

System components

Container

The container is the structural interface to the platform deck. It protects the evacuation chute against all types of weather – and for some systems, even against explosions.

The container consists of a load bearing, welded frame which is bolted to a foundation integrated into the deck structure. It can be either in-deck mounted or cantilevered out from the deck edge.

Evacuation chute

The fire retardant Kevlar® evacuation chute provides a simple, safe, and fast method of transferring evacuees from deck levels down to sea level. It is divided into cells with speed retarding slides running at opposite angles in a zigzag effect. Openings on each cell located behind the slides provide easy entry and exit at any point on the chute. The design of the chute enables evacuees to wear lifejackets, immersion suits, and emergency escape breathing devices (EEBD).

Boarding platform

The boarding platform inflates automatically and acts as the sea reference point where evacuees can await dry-shod transfer to system liferafts or fast rescue crafts. On one of our systems, it can even be used as an ordinary liferaft by cutting the chute guidance ropes.

Launching arrangement

Evacuation systems are deployed by opening the locking system and releasing the brake of the gravity driven winch. The simplest system is based on a free-fall chute deployed with a knife or pneumatic cutter.

Stabilising weight

The stabilizing weight deploys ~15 meters below the sea surface; below the wave zone of the water. It keeps the chute taut and reduces sideways motion caused by wind and sea current.

Offshore Evacuation Systems

Overview

Custom designed evacuation systems with convenient servicing and replacement

As with all other equipment on an offshore installation, the design of the evacuation systems must take a wide range of factors into account. Platform type, installation location, height, special weather conditions as well as the flow of crew in an emergency situation.

VIKING's professional offshore evacuation experts can help you integrate an effective evacuation system for your platform.

SYSTEM	APPLICATIONS	EXPLOSION PROTECTION	MAX. INSTALLATION HEIGHT	APPROX. SYSTEM WEIGHT	DIMENSIONS X,Y, Z WITH LIFERAFTS (MM)	MAX SOLAS EVACUATION CAPACITY (10 MINS.)	BOARDING PLATFORM
SES-2A	Fixed and floating installations	YES	64 M	10 T	4932 x 5000 x 2900/3300	159 persons (200 in total)	YES 35 persons
SES-2A 81 metre	Fixed and floating installations	YES	81 M	12 T	4950 x 5000 x 3900	146 persons (200 in total)	YES 35 persons
SES-2A with Movable Frame	Fixed and floating installations	YES	64 M	14.5 T	8170 x 5000 x 5035	159 persons (200 in total)	YES 35 persons
SES-2B	Fixed and floating installations	NO	50 M	6 T	2565 x 4615 x 2750	159 persons (200 in total)	YES 35 persons
SES-2B with Sliding Frame	Fixed and floating installations	NO	50 M	10.5 T	5200 x 5385 x 3310	159 persons (200 in total)	YES 35 persons
SES-2C Arctic	Fixed installations	YES	43 M	14.3 T	4810 x 3930 x 5555	140 persons	YES 25 persons
SES-2C Arctic with HDS	Fixed installations	YES	43 M	27.3 T	7785 x 5930 x 11346	140 persons	YES 25 persons
SES-2D	Fixed installations	YES	40 M	8.8 T	4865 x 3930 x 3005	140 persons	YES 25 persons
SES Basic Means of Escape	Fixed installations	NO	30 M	1.1 T	2090 x 1400 x 1380	Optional liferaft configuration	YES 25 persons
VENOC	Shipshaped installations	NO	40 M	7 T	2526 x 3760 x 2445	140 persons	N/A



	SOLAS LIFERAFTS	INSTALLATION	TEMPERATURE RANGE	INTEGRATED LIFERAFT LIFTING ARRANGEMENTS	WINCH FOR SYSTEM RETRIEVAL	HEAT TRACING DOOR FRAME	INSULATED WALLS/ DOOR	DEPLOYS TO
	2 or 4 of 12, 16, 20, 25, 35 or 50 persons "A-Pack" or "B-pack"	Cantilevered	-20°C to +65°C	YES	YES	OPTIONAL	NO	SEA
	2 or 4 of 12, 16, 20, 25, 35 or 50 persons "A-Pack" or "B-pack"	Cantilevered	-20°C to +65°C	YES	YES	OPTIONAL	NO	SEA
	2 or 4 of 12, 16, 20, 25, 35 or 50 persons "A-Pack" or "B-pack"	Flush with rig side when stowed. Cantilevered in deployed position	-20°C to +65°C	YES	YES	OPTIONAL	NO	SEA
	2 or 4 of 12, 16, 20, 25, 35 or 50 persons "A-Pack" or "B-pack"	Cantilevered or integrated in deck	-20°C to +65°C	OPTIONAL (separate service davit)	YES	OPTIONAL	NO	SEA
	2 or 4 of 12, 16, 20, 25, 35 or 50 persons "A-Pack" or "B-pack"	Flush with rig side when stowed. Cantilevered in deployed position	-20°C to +65°C	OPTIONAL (separate service davit)	YES	OPTIONAL	NO	SEA
	2 or 4 of 12, 16, 20, 25, or 35 persons "A-Pack" or "B-pack"	Cantilevered	-40°C to +65°C	YES	YES	YES	OPTIONAL	SEA, NON-MOVING ICE AND STAND BY VESSELS
	2 or 4 of 12, 16, 20, 25, or 35 persons "A-Pack" or "B-pack"	Flush with rig side when stowed. Cantilevered in deployed position	-40°C to +65°C	YES	YES	YES	OPTIONAL	SEA, NON-MOVING ICE AND STAND BY VESSELS
	2 or 4 of 12, 16, 20, 25, or 35 persons "A-Pack" or "B-pack"	Cantilevered	-46°C to +65°C	YES	YES	YES	OPTIONAL	SEA
	Optional throw overboard liferafts	Cantilevered or integrated in deck	-20°C to +65°C	NO	NO	OPTIONAL	NO	SEA
	50/100 persons	Flush with ship side	-20°C to +65°C	OPTIONAL (separate service davit)	YES	NO	NO	VENOC life rafts: 50/100

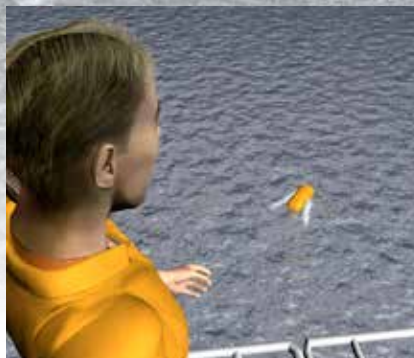
*By varying the type of steel the SES systems can be fabricated with a temperature range to - 40 °C

Offshore evacuation systems

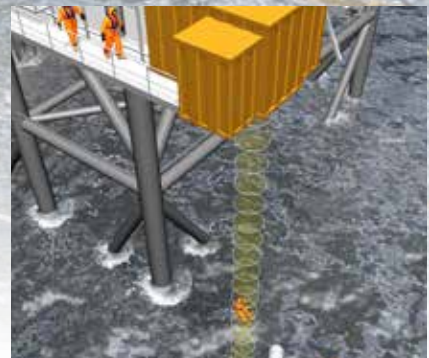
- when every minute counts



*When the helicopter
has taken off...*



and the lifeboats have left...



*You can count on VIKING's
offshore evacuation system...*

Always accessible... even for the last man standing!

Offshore evacuation designed for your specific needs

The diversity within the global offshore industry requires safety solutions that are adaptable to meet individual client expectations. The offshore sector is constantly changing. New innovations for installation types and production systems enable exploration in areas that were previously inaccessible. This development leads to a change in requirements for safety and rescue equipment.

The development of VIKING's offshore evacuation systems will always be ahead of market demands, while maintaining compliance with national and international regulations.

Our evacuation solutions can easily be configured to meet the various demands such as increased installation heights, increase in personnel weight, requirements for electrical installation and polar conditions.

INTERNATIONAL REGULATIONS

- IMO SOLAS Regulations
- IMO LSA Code
- IMO MODU Code

INTERNATIONAL STANDARDS

- PSA
- NORSOK
- NORMAN
- NOPSEMA
- UK-HSE
- USCG

APPROVALS

- LLOYD's REGISTER
- RMRS
- SOLAS REGULATIONS
- LSA CODE
- IMO RESOLUTION MSC.81(70)

INSTALLATION TYPES

- FIXED INSTALLATIONS
- FLOATING INSTALLATIONS

INSTALLATION AREAS

- Zone 1, 2
- EX CERTIFIED
- BLAST RATED OPTIONS

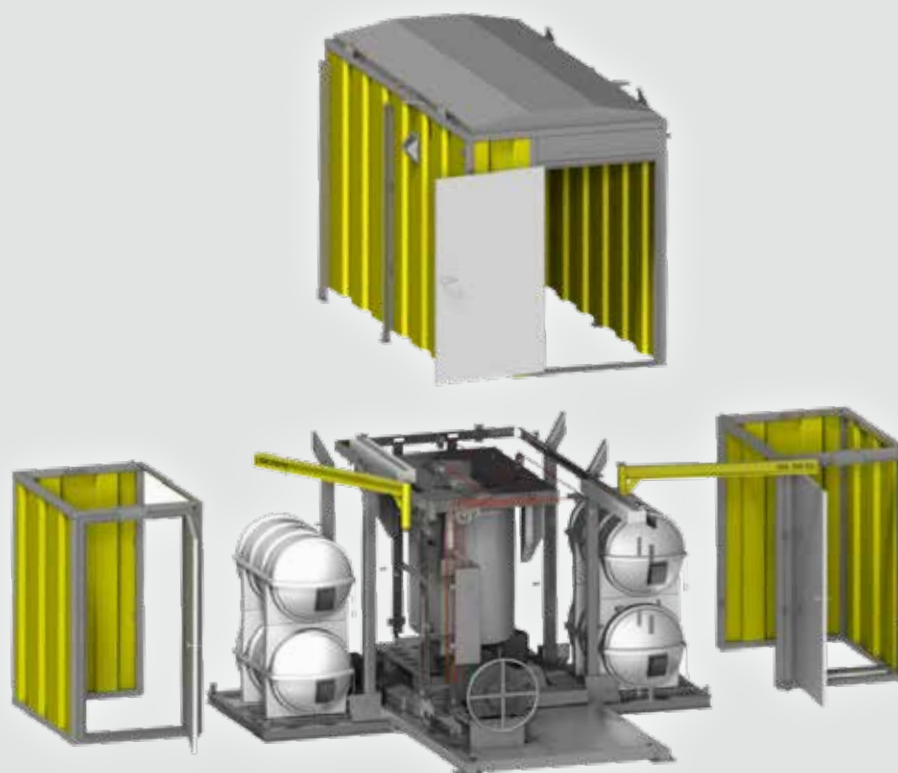
HIGH TRANSFER CAPACITY

- EASY OPERATION 159 PERSONS IN 10 MIN. TOTAL OVERALL CAPACITY 200 PERSONS IN 11 MIN AND 50 SEC.
- INSTALLATION HEIGHT 5-81 METRES

POLAR SOLUTIONS

- HEATED LIFERAFTS
- HEAT TRACING
- INSULATION
- SPACE HEATERS

GLOBAL SERVICE NETWORK



Optional Features for SES-2A

- Side protection containers to handle explosion blast load up to 0.45 barg
- Cabinet for VHF, SART, EPIRB
- PRS personnel tracking system
- Integrated lifting davits and lifting points, for liferaft handling during service



- Unique high capacity evacuation system for maximum evacuation heights
- Complete with integrated liferafts, fire retardant chute and blast proof container
- Suitable for installation in production areas
- Type Approval Certified by Lloyd's Register and Russian RMRS

VIKING SES-2A



System is launched



**Scan to watch
the VIKING SES-2A
in action.**

For fixed and floating platforms

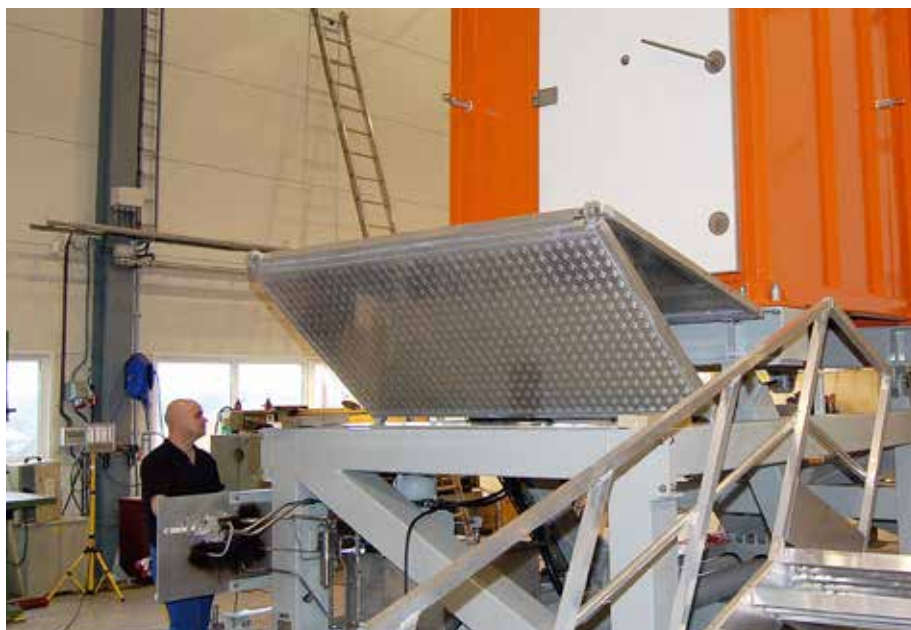
The SES-2A is specially designed for fixed and floating offshore installations and comes complete with a fire retardant chute and integrated liferafts stored inside the blast proof container.

It offers controlled launching and recovery in temperatures from -20°C to +65°C and can evacuate up to 159 persons in 10 minutes. Total overall capacity of 200 persons in 11 min. and 50 sec.

Features

- Robust high capacity transfer system
- For fixed and floating installations
- Max. evacuation height of 81 metres
- Operating temperatures from -20°/-30° to +65°C
- Ready for cantilevered installation
- Integrated liferafts
- Blast proof container
- Max. evacuation capacity: 159 persons in 10 minutes. Total overall capacity: 200 persons in 11 min. and 50 sec.

The VIKING SES Systems have the following patents:
US Patent No. 8316991B2
NO Patent No. 321073B1



- High capacity system with movable frame
- Flush with rig side when stowed
- Cantilevered from side when deployed

VIKING SES-2A

with movable frame



For offshore installations where all equipment must be stored within the deck of the installation

Stored hydraulic power moves the evacuation system into cantilevered position for deployment and after use retracts the system onto the deck. It comes complete with a fire retardant chute and integrated liferafts stored inside the blast proof container.

It offers controlled launching and recovery in temperatures from -20°C to +65°C and can evacuate up to 159 persons in 10 minutes. Total overall capacity of 200 persons in 11 min. and 50 sec.

Features

- Robust high capacity transfer system
- FPSOs, fixed and floating installations
- Max. evacuation height of 64 metres
- Operating temperatures from -20°C to +65°C
- Flush with rig side when stowed and cantilevered when deployed
- Integrated liferafts
- Blast proof container
- Max. evacuation capacity: 159 persons in 10 minutes. Total overall capacity of 200 persons in 11 min. and 50 sec.





- Compact and lightweight system
- Ideal for installation in living quarter areas
- Complete with integrated liferafts and fire retardant chute
- Type Approval Certified by Lloyd's Register

VIKING SES-2B



When ready to deploy simply open the door and pull the lever



Launching begins. Liferafts are lowered with the chute

For fixed and floating platforms

The SES-2B is specially designed for fixed and floating platforms with evacuation heights up to 50 metres.

The evacuation system comes complete with a fire retardant chute and integrated liferafts safely stored outside the container.

It offers controlled launching and recovery in temperatures from -20°C to +65°C and can rapidly evacuate up to 159 persons in 10 minutes. Total overall capacity of 200 persons in 11 min. and 50 sec.

Features

- Compact and lightweight transfer system
- Fixed and floating installations
- Max. evacuation height of 50 metres
- Operating temperatures from -20°C to +65°C
- Integrated liferafts
- Max. evacuation capacity: 159 persons in 10 minutes. Total overall capacity 200 persons in 11 min. and 50 sec.

The VIKING SES Systems have the following patents:
US Patent No. 8316991B2
NO Patent No. 321073B1



- Compact system with movable frame
- Flush with rig side when stowed
- Cantilevered from side when deployed

VIKING SES-2B

with sliding frame



A hydraulic slide moves the evacuation system into cantilevered position for deployment.

For offshore installations where all equipment must be stored within the deck of the installation

The system comes complete with a fire retardant chute and integrated liferafts safely stored outside the container. The hydraulic system moves the evacuation system into cantilevered position for deployment, and after use, retracts the system onto the deck.

It offers controlled launching and recovery in temperatures from -20°C to +65°C and can rapidly evacuate up to 159 persons in 10 minutes. Total overall capacity of 200 persons in 11 min. and 50 sec.

Features

- Compact and lightweight transfer system
- For all installation types
- Max. evacuation height of 50 metres
- Operating temperatures from -20°C to +65°C
- Flush with rig side when stowed and cantilevered when deployed
- Integrated liferafts
- Max. evacuation capacity: 159 persons in 10 minutes. Total overall capacity of 200 persons in 11 min. and 50 sec.





- Designed for Arctic winter conditions
- Special heat tracing to prevent freezing
- Deploys directly onto deck of vessel or to sea
- Holds a Russian RMRS certificate

A SES-2D model is available similar to the SES-2C, but without a compensating tower so it only deploys to sea.

VIKING SES-2C Arctic



Container cantilevered

The VIKING SES Systems have the following patents:
US Patent No. 8316991B2
NO Patent No. 321073B1

The VIKING Polar Liferaft has the following patents:
DK Patent No. 176716B1
CH Patent No. 101795934B
Patent Pending EP

For fixed installations

VIKING has developed a new evacuation system specifically designed for frozen waters and harsh arctic environments. Severe winters can limit rescue operations and winter ice makes the use of free fall lifeboats impossible. VIKING has therefore modified its already proven offshore chute system to cope with the special conditions encountered when evacuating by chute directly onto a ship.

Features

- Optional insulation of container with heaters inside
- A counterweight system automatically compensates for differences in height when the ship moves
- No power required to deploy the system
- Max. evacuation height of 43 metres
- Operating temperatures from -40°C to +65°C
- Blast proof container
- Special heat tracing to prevent freezing around critical areas
- Integrated liferafts
- Max. evacuation capacity:
140 persons within 10 minutes



VIKING SES Basic

means of descent to sea level

Basic escape system for fixed installations up to 30 metres

Small, lightweight container appropriate for reduced spaces. Operational in air temperatures ranging from -20°C to +65°C. Standard capacity of boarding platform: 25 persons, expandable with the use of additional throw-overboard liferafts. Comes with a fire retardant chute.

SES Basic

VIKING can deliver turnkey solutions for upgrading safety levels on existing platforms. A ramp installed with the SES Basic allows for a cost-effective solution as it eliminates the need for new drawings. Liferrafts can be connected to the system after deployment. The boarding ramp can also be used as a liferaft by cutting the ropes.

Special features

- Small, lightweight basic transfer system
- For fixed installations
- Max. evacuation height of 30 metres
- Operating temperatures from -20°C to +65°C
- Unlimited capacity for transfer to sea level.
Boarding platform holds 25 persons.
- Evacuation capacity can be expanded with additional throw-overboard liferafts

Container

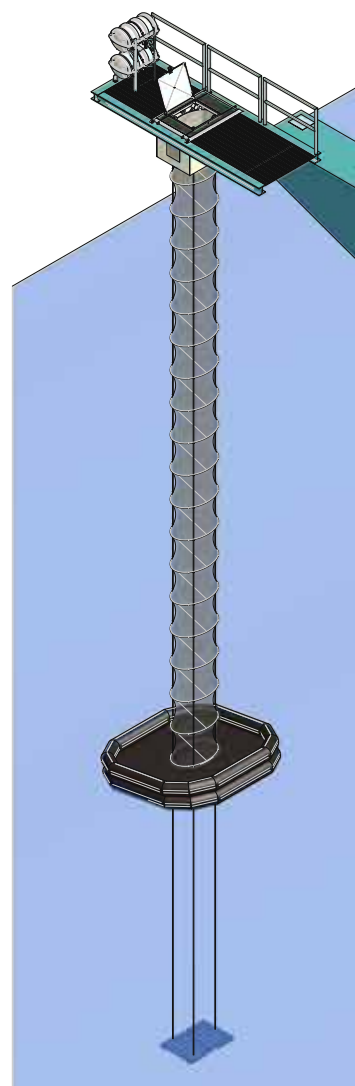
The container is the structural interface to the platform deck. It protects the evacuation chute against all types of weather and consists of a load bearing welded frame for bolting onto a foundation integrated into the deck structure. It can be in-deck mounted or cantilevered out from the deck edge.

Fire retardant evacuation chute

The evacuation chute provides a simple, safe and reliable method for transferring evacuees from deck levels down to sea level. It is divided into cells with speed restricting slides running at opposing angles in a zigzag effect. Openings in the chute located behind each slide, provide easy entry and exit at any level. The speed restricting slides also permit evacuees wearing lifejackets, protective suits and breathing apparatus to pass safely through the chute. The length of the chute is calculated to allow for sideways motion under the influence of strong wind and current conditions.



The container protects the evacuation chute against all types of weather



Release system

The system is drop released using a special knife or pneumatic cutter. After the strap has been cut the stabilising weight, boarding platform and chute fall freely down to sea level.

Boarding platform

The boarding platform inflates automatically and acts as sea reference point where evacuees can await dry-shod transfer to throw-overboard liferafts or fast rescue boats.

Stabilising weight

The stabilising weight is attached to 3 ropes at the base of the chute and hangs below the waterline when deployed. It keeps the escape chute taut and reduces side sideways motion caused by wind and sea current. This unit must be serviced annually.

The VIKING SES Systems have the following patents:
US Patent No. 8316991B2
NO Patent No. 321073B1



Selstair™

multi-purpose access system

Takes safety to a higher level with a collapsible staircase

Selstair™ access system

The Selstair™ multi-purpose access system consists of a collapsible staircase that can be lowered from the platform directly to the sea or between decks to transfer personnel effectively.

It features

- Increased safety and capacity compared to traditional methods such as conventional ladders and baskets.
- Remote launching and rapid deployment are considerable advantages when disembarking or boarding offshore installations.

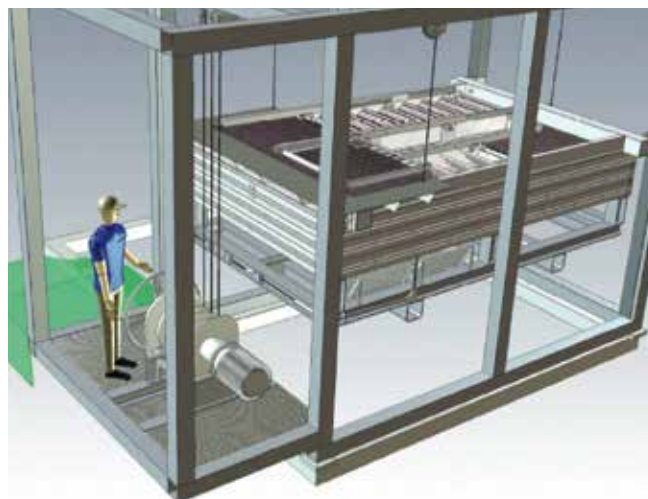


Deployment

The system is deployed by gravity alone. Electrical power is only needed for retrieval. Non-slip aluminium steps and landings, handrails and safety net around the staircase enable safe passage for all.

Easy maintenance and service

Stairs are stored inside the container when not in use, which protects the system from the harsh environment and keeps maintenance at a minimum. Selstair has few movable parts, which makes maintenance easier.

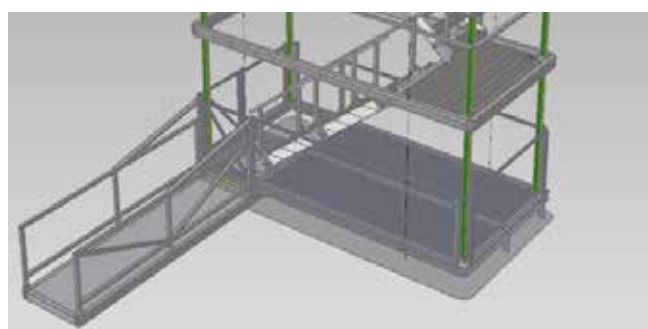


Deck-to-deck transfer - with minimum use of deck space

Selstair™ can be lowered from one deck to another making it ideal for deck-to-deck transfer. Compared to a regular staircase or ladder, the Selstair system does not take up valuable deck space that could otherwise be used for piping or general work space. It is stored in a container, when not in use.

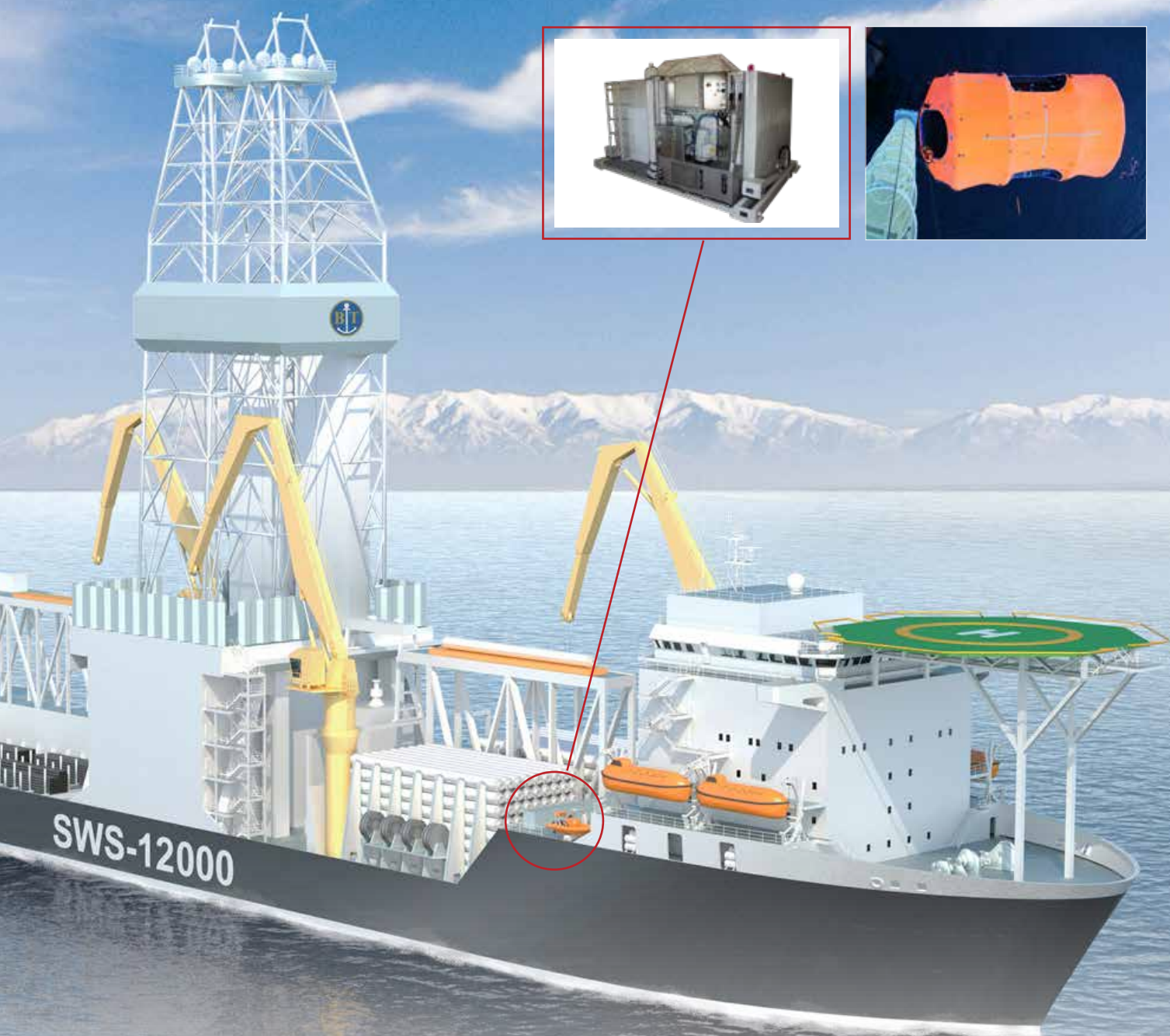
Access security

With piracy and anti-terrorism high on the agenda, access security is essential. Selstair™ eliminates the threat of unauthorized persons gaining access, since it has no ladders that could be used to enter a platform. The Selstair™ access system only deploys with the corresponding remote control and it is therefore a secure and optimal solution for unmanned platforms with restricted access.



Maintenance and repair

The Selstair™ allows for safe deployment and access to every part of the platform including areas that have otherwise been considered dangerous for maintenance personnel. All components of the system are stored inside a container that is easily moved from one place to another. So if you need access to e.g. the installation's legs for inspection or to conduct maintenance and repairs, this is the perfect solution.



VENOC

High capacity evacuation system for FPSOs, drillships and special purpose offshore vessels

VENOC is the most flexible evacuation chute system available for vessels today. It can be used at evacuation heights between 5-40 metres and has an evacuation capacity of up to 200 persons.



of the VENOC system

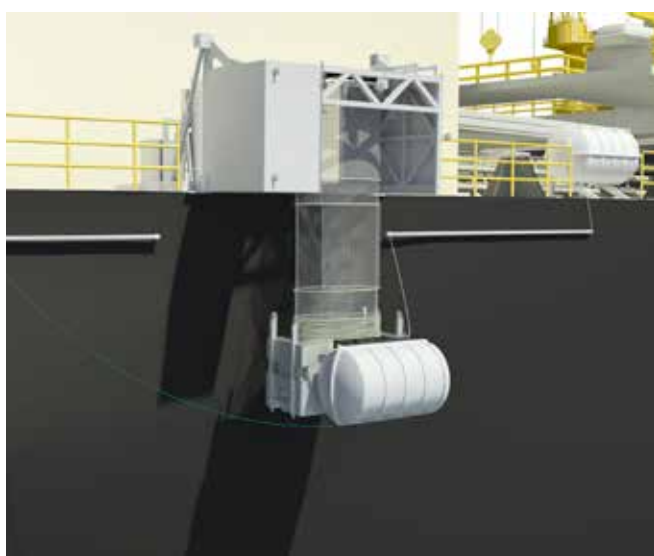
Illustration courtesy of Bassoe Technology



1) VENOC stowed position



2) VENOC container tilt



3) VENOC deployed



4) VENOC deployed

Specially designed for ship-shaped offshore installations

The VENOC evacuation system is installed on the open deck or between decks (bolted to the installation deck). A hydraulic arrangement tilts the evacuation system into position for deployment. The main self-righting liferaft is connected to the buoyancy device and inflates automatically at sea level – making it simple to board. No bowing lines or welded connection points on the ship's side are necessary.

Special features*

- Compact and “one go” system
- FPSOs, drillships, special purpose offshore vessels, wind turbine ships, and installations
- Flexible evacuation heights from 5 to 40 metres

- No bowing lines or welded connection points on ship's side
- Deploys at 18 trim and 20 list conditions
Excess chute rings are simply stacked in the buoyancy device
- Operating temperatures from -20°C to +65°C
- Flush with ship side when stowed and cantilevered when deployed
- Integrated 50 or 100 person self-righting liferafts
- Optional steering line to guide direction of main liferaft
- Max. evacuation capacity: 125 persons within 10 minutes
- Additional drop liferaft (optional) increases capacity
- MED and Type Approval Certified according to the SOLAS Regulations and the LSA Code. EU wheel marked. USCG-EU MRA
- Certified by: Lloyd's Register

* All specifications are subject to alteration without notice

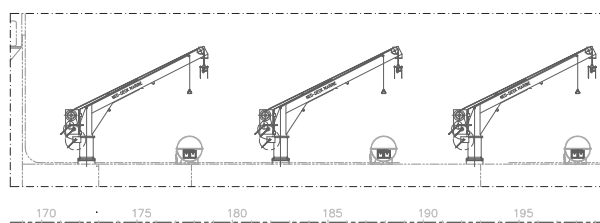
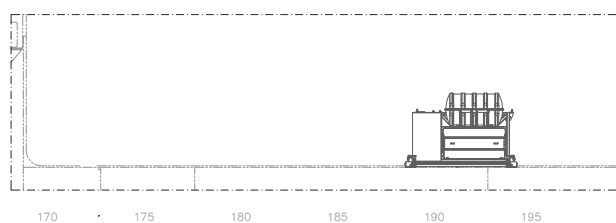
Exploiting deck space

Improved safety with a smaller deck footprint

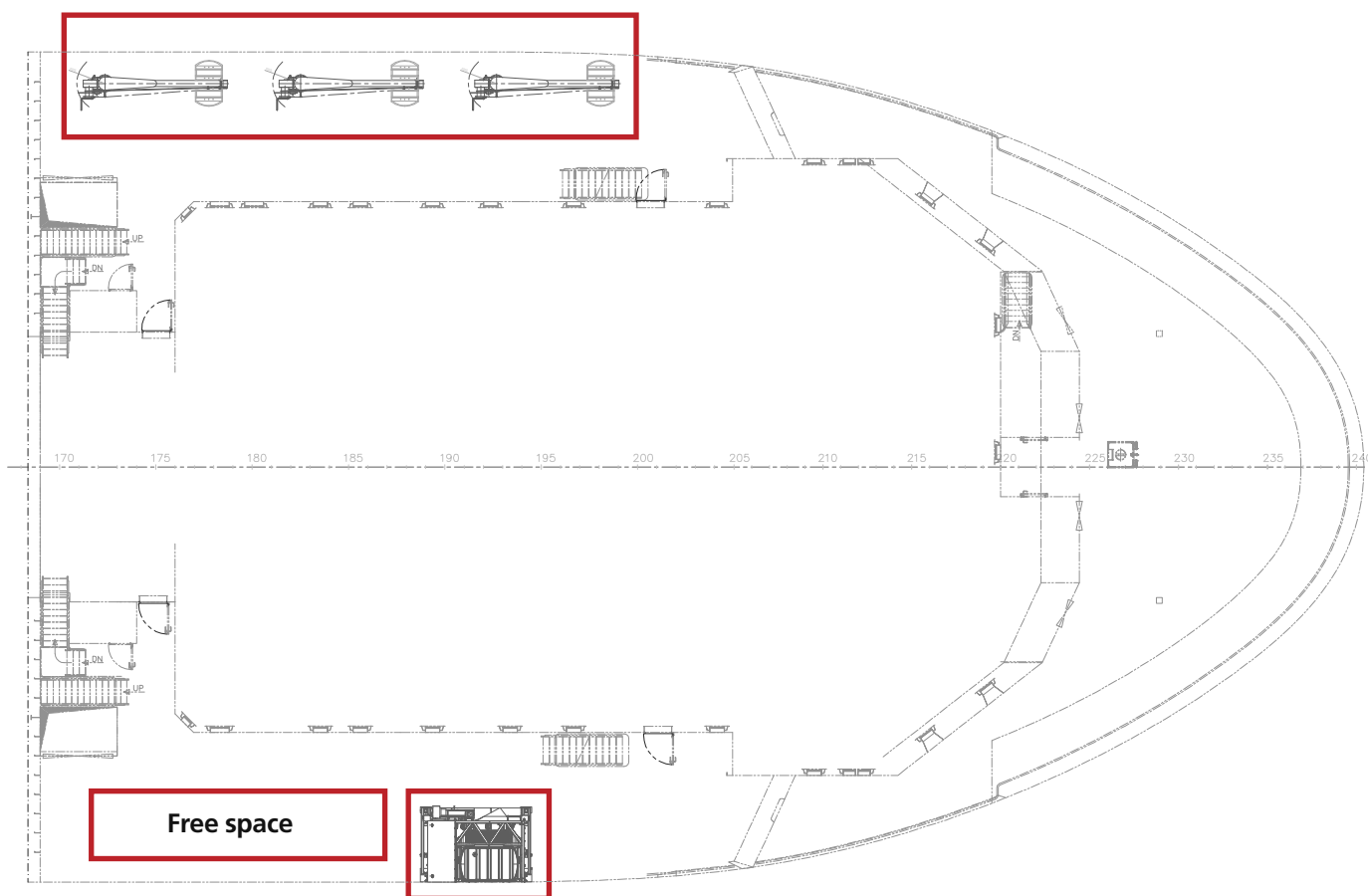
The VENOC evacuation system meets the demand for a safe and effective evacuation capacity with a small footprint. This results in a safer and a more cost effective alternative to traditional evacuation methods.

Most floating offshore installations require liferaft capacity on each side to accommodate the total number of persons on board.

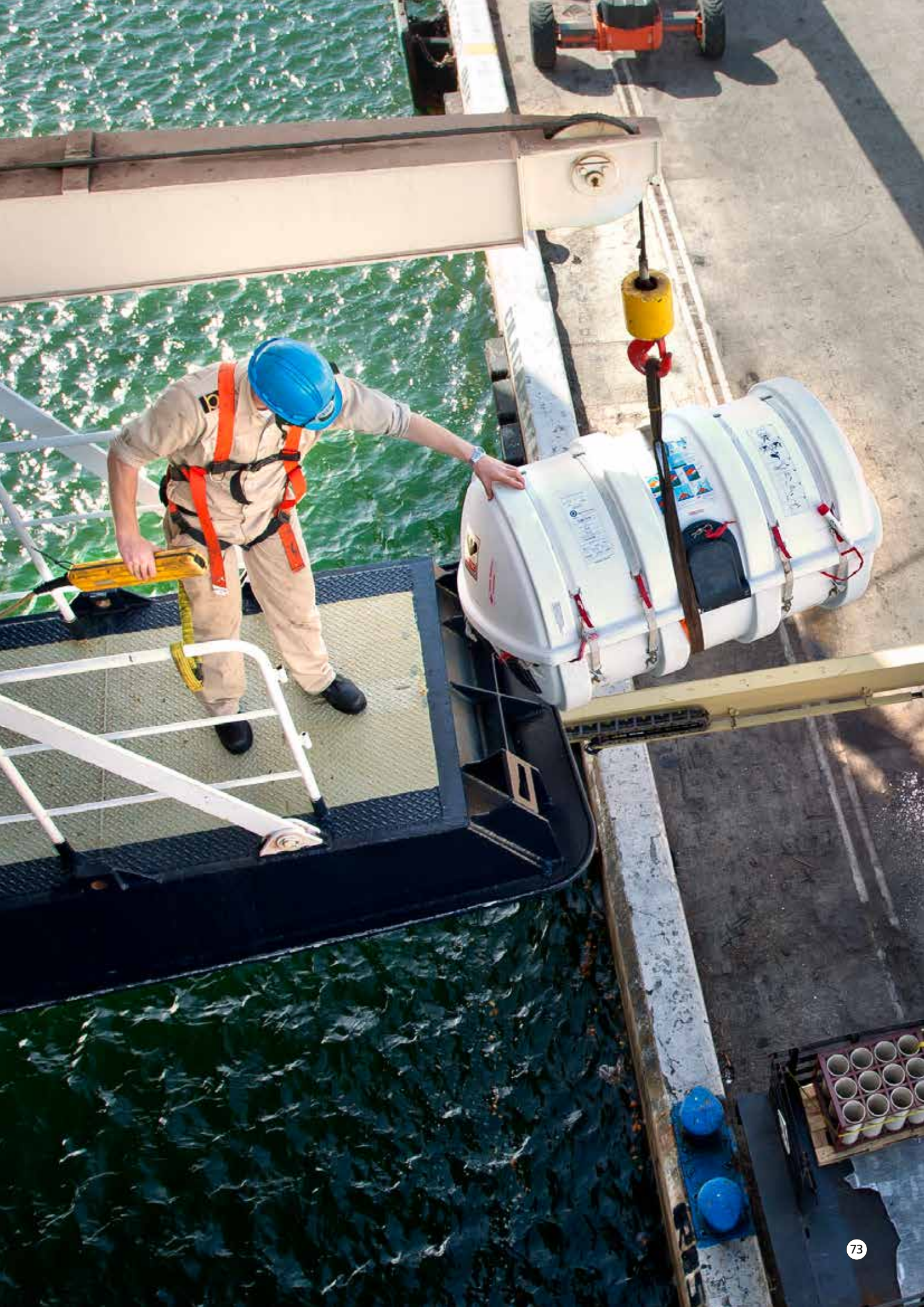
The VENOC replaces conventional survival craft and launching methods with a less stressful evacuation process.



15 metre deck space



3.7 metre deck space





**VIKING
LIFERAFTS**



Liferafts and accessories

VIKING's throw-overboard and davit-launchable liferafts are available in a standard version and a top of the line automatically self-righting version.

The proven self-righting liferafts ensure that no matter how the liferaft lands in the water, it will always right itself ready for boarding. Liferafts can be equipped with a hydrostatic release unit so that it inflates automatically when in contact with water, in case they have not been released manually.

Liferafts are subjected to rough sea trials, wind velocity tests at forces of 30 metres per second and deployed at extremely low temperatures.

VIKING Throw-overboard Liferaft

- High durability with an expected lifespan of 15-20 years
- Exceptionally stable even in extremely rough seas. Can be deployed at temperatures as low as -30°C
- Two individual buoyancy chambers, each carrying capacity weight, so a puncture in one tube will not cause destabilisation
- Sizes: 6-39 persons
- Also available in a self-righting version



VARIANTS

L006D00	6 person throw-overboard liferaft
L008D00	8 person throw-overboard liferaft
L010D00	10 person throw-overboard liferaft
L012D00	12 person throw-overboard liferaft
L016D00	16 person throw-overboard liferaft
L020D00	20 person throw-overboard liferaft
L025D00	25 person throw-overboard liferaft
L025DS0	25 person self-righting throw-overboard liferaft
L035D00	35 person throw-overboard liferaft
L039DS0	39 person self-righting throw-overboard liferaft
L039DFS0	39 person davit-launchable liferaft, self-righting

Also available in VIKING S30 liferafts with extended service intervals

VIKING Davit-launchable Liferaft

- High durability with an expected lifespan of 15-20 years
- Designed to be inflated on deck level and while connected to the davit lowered to water level
- Provides safe and effective means of dry-shod evacuation and is suitable for all types of vessels, regardless of deck height or hull shape
- Sizes: 12-39 persons
- Also available in a self-righting version



VARIANTS

L012DF00	12 person davit-launchable liferaft
L016DF00	16 person davit-launchable liferaft
L020DF00	20 person davit-launchable liferaft
L025DF00	25 person davit-launchable liferaft
L035DF00	35 person davit-launchable liferaft
L025DFS0	25 person self-righting davit-launchable liferaft
L039DFS0	39 person davit-launchable liferaft, self-righting

RELATED PRODUCTS

1076676	Davit for liferaft, manual CM-52 15-3,5L(12-16)
1071435	Davit for liferaft, manual CM-144 23-4,0L(20-25)
1076677	Davit for liferaft, manual, CM 144 36-4,0L(35-39)
1071352	Piedestal CM-52/CH-52
1076680	Conservation slewing davits (3 layer paint system)
1071351	Conservation slewing davits (3 layer paint system)

Also available in VIKING S30 liferafts with extended service intervals

Open Reversible Liferaft/Inflatable Buoyant Apparatus



- Type VIKING DKR / VIKING IBA
- Open reversible liferaft type mainly used for coastal and inland waters. The floor is placed in between the two buoyancy chambers and a boarding ramp is mounted on each tube making the liferaft fully reversible
- The open reversible liferaft is not a SOLAS approved solution but is approved according to local authorities and flag states
- The DKR liferaft are available in standard round rigid fibreglass container (all sizes) or in low profile fibreglass containers (up to and including the 50 DKR)

VARIANTS

12-150 PERSON	DKR
6-150 PERSON	IBA, USCG approved
25, 50 PERSON	RDV, TC Canada approved

Hydrostatic Release Unit For Liferaft

- The Hammar® H20 releases at any angle and needs only the required water pressure to activate
- Designed to activate release at depths of between 1.5-4 m
- No spare parts or service required, however it must be replaced every other year
- Simple to install and clearly marked with an expiry date

ITEM NO.: 1003641



VARIANTS

1038306	Hydrostatic release unit for EPIRB, Hammar® H20, MCA and USCG approved
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VIKING S30 liferafts

with extended service intervals

Thousands of units sold and serviced

Over the years, we've supplied over 100,000 davit-launched and throw-overboard standard liferafts. And thousands of extended service interval products, too. So we know just how important freedom of choice is for shipowners – and we've built it into everything we do.

Want to be able to mix and match liferaft types to suit your needs – and swap things around as your business changes? Only a VIKING Shipowner Agreement offers this level of flexibility, all under the same terms and conditions.



Onboard servicing by crew in 3 simple steps

No power or computer required!

Just 3 easy steps is all it takes for the crew to perform annual onboard inspections.



1 Register date and serial number in log book



2 Insert testing tool and hold for 5 seconds



3 Record result in log book. Done!

VIKING S30s are serviced using a combination of annual onboard inspections carried out by crew and specialized service after 30 months at a VIKING certified service station.

At 30 months the liferaft must be serviced at a VIKING S30 certified servicing. A current list is available in the VIKING S30 Portal or from your local VIKING office.

We've done our best to make it even easier for you, too:

- Our VIKING S30 Portal contains everything there is to know for servicing tasks.
- Personnel achieve certification via online e-learning programs and reporting.
- Instructions, troubleshooting and reporting are all in one place and accessible at any location with an internet connection.

What exactly is an extended service interval liferaft?

Extended service interval liferafts are permitted under SOLAS regulation 20.8.3, which enables liferafts to be inspected at longer intervals than 12 months, as long as the same safety levels are met as for conventional liferafts.

Less handling

The liferafts must be annually tested on board by trained and certified personnel, but require less handling than conventional products. So they carry lower associated costs (such as barge, overtime and transportation) than conventional liferafts.

More planning

Service dates are based on the date of manufacture, and no extensions are allowed – or grace periods for dated items. Extended service interval liferafts can only be serviced at specially equipped, approved service stations.

Similar costs

Experience shows that, in the long run, higher costs of specialised services and the need to carry out replacement at authorized servicing stations result in a similar overall cost level between extended service interval and conventional liferafts.

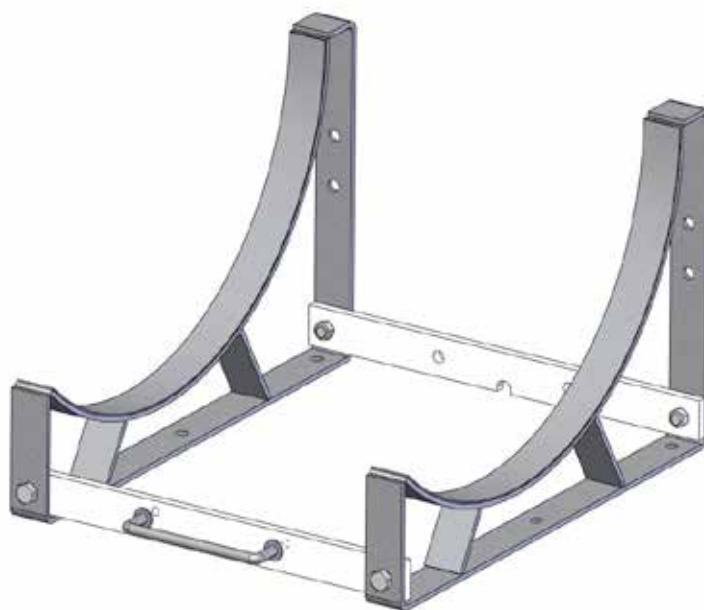
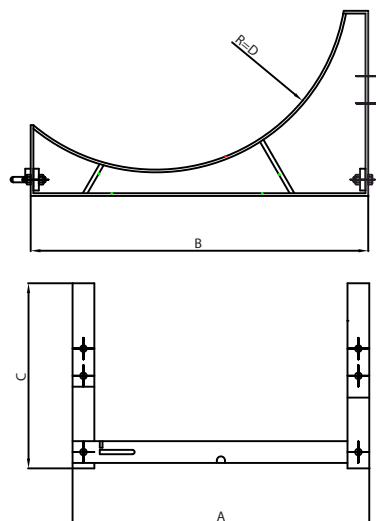
Emergency pack contents

See the contents needed for SOLAS A Pack according to liferaft size

SOLAS A Pack liferaft													
Contents	6	8	10	12	16	20	25	35	37	39	51	101	153
Emergency pack equipment													
Parachute rocket signals	4	4	4	4	4	4	4	4	4	4	4	4	4
Handflares	6	6	6	6	6	6	6	6	6	6	6	6	6
Signal lamp	1	1	1	1	1	1	1	1	1	1	1	1	1
Dry cell (spare) for signal lamp	2	2	2	2	2	2	2	2	2	2	2	2	2
Bulb (spare) for signal lamp	1	1	1	1	1	1	1	1	1	1	1	1	1
Whistle	1	1	1	1	1	1	1	1	1	1	1	1	1
Signalling mirror	1	1	1	1	1	1	1	1	1	1	1	1	1
Emergency ration (kg)	3	4	5	6	8	10	12.5	17.5	18.5	19.5	25.5	50.5	76.5
Drinking water (ltr)	9.5	12.5	15.5	18.5	24.5	30.5	38	53	55.5	58.5	79	151.5	230
Drinking cup	1	1	1	1	1	1	1	1	1	1	1	1	1
Safety tin opener	3	3	3	3	3	3	3	3	3	3	3	3	3
Fishing tackle	1	1	1	1	1	1	1	1	1	1	1	1	1
First aid kit	1	1	1	1	1	1	1	1	1	1	1	1	1
Anti-seasickness tablets	36	48	60	72	96	120	150	210	222	234	306	606	918
Bailer	1	1	1	1	2	2	2	2	2	2	2	2	2
Sponges	2	2	2	2	2	2	2	2	2	2	2	2	2
Instructions for survival	1	1	1	1	1	1	1	1	1	1	1	1	1
Table of life-saving signals	1	1	1	1	1	1	1	1	1	1	1	1	1
Sea anchor and cord	1	1	1	1	1	1	1	1	1	1	1	1	1
Scissors	1	1	1	1	1	1	1	1	1	1	1	1	1
Smoke signals	2	2	2	2	2	2	2	2	2	2	2	2	2
Seasickness bags	6	8	10	12	16	20	25	35	37	39	51	101	153
Survival bags	2	2	2	2	2	2	3	4	4	4	6	11	16
Buoyant safety knife	1	1	1	1	1	1	1	1	1	1	1	1	1
Liferaft equipment													
Bailer	-	-	-	-	1	1	1	1	1	1	1	1	1
Radar reflector	1	1	1	1	1	1	1	1	1	1	1	1	1
Operational instructions	1	1	1	1	1	1	1	1	1	1	1	1	1
Sea anchor and cord	1	1	1	1	1	1	1	1	1	1	1	1	1
Buoyant safety knife	1	1	1	1	1	1	1	2	2	3	3	4	4
Paddles (pcs)	2	2	2	2	2	2	2	2	2	2	2	4	4
Repair kit	1	1	1	1	1	1	1	1	1	1	1	1	1
Bellows	1	1	1	1	1	1	1	1	1	1	2	2	2
Rescue quoit and line	1	1	1	1	1	1	1	2	2	2	1	1	1
Water bags (set)	1	1	1	1	1	1	1	1	1	1	1	1	1
Desalter	-	-	-	-	-	-	+1	-	-	-	+1	+1	+1

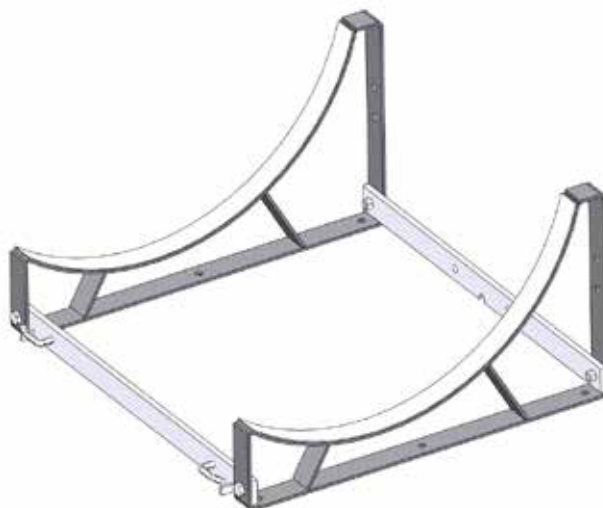
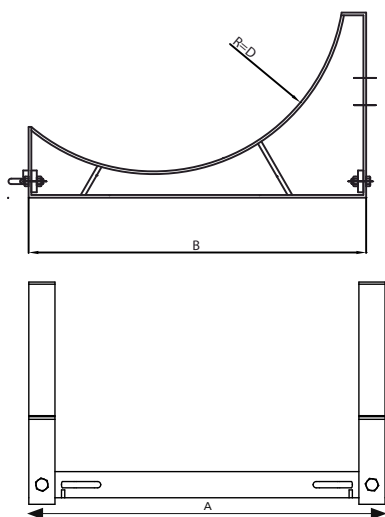
Cradles

Flexible storage and easy handling



Cradle for 4-25 DK Throw-overboard Liferaft

Part no.	Rack incl. lashing no.	Container type	A	B	C	D	Pack type	Surface	Weight
1014758	1000053	20-25 DK	545	620	340	360	A+B	Galvanized	11 kg
1015847	1000013	10, 12, 16 DK	500	550	340	310	A+B	Galvanized	10 kg
1015846	1000012	6-8 DK	435	520	340	275	A+B	Galvanized	10 kg

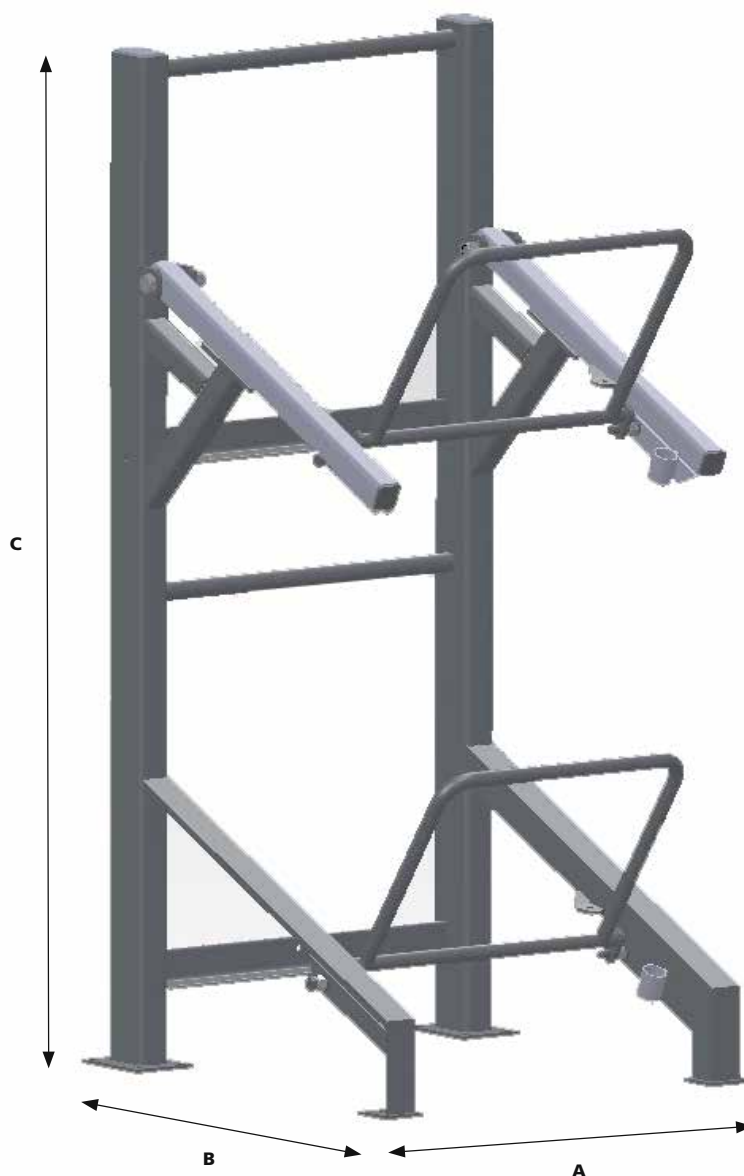
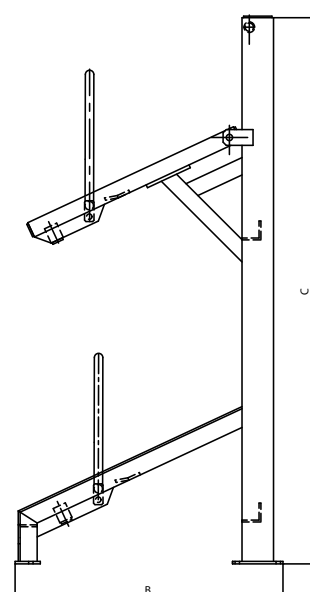
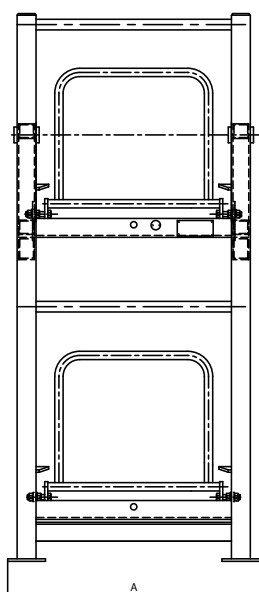


Cradle for 12-35 DKF Davit-launchable Liferaft

Part no.	Rack incl. lashing no.	Container type	A	B	C	D	Pack type	Surface	Weight
1014188	1004327	35 DKF	635	740	430	410	A	Galvanized	14 kg
1011920	1011919	35 DKF	690	620	340	360	B	Galvanized	11 kg
1004361	1000014	16, 20, 25 DKF	545	620	340	360	A+B	Galvanized	11 kg
1004360	1002727	12 DKF	545	550	340	310	A+B	Galvanized	10 kg

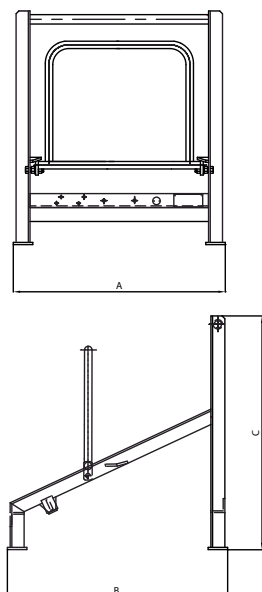
Column Racks

A wide range of racks offering flexible integration with modern ship design, for several possible installation locations



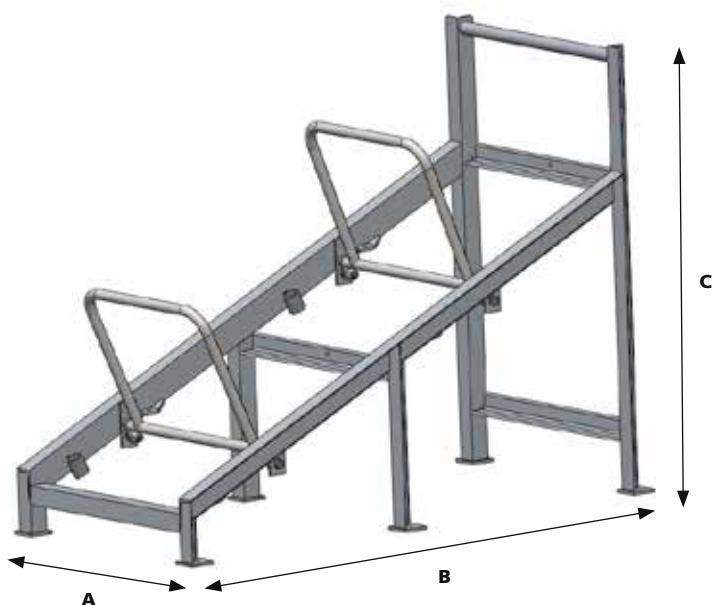
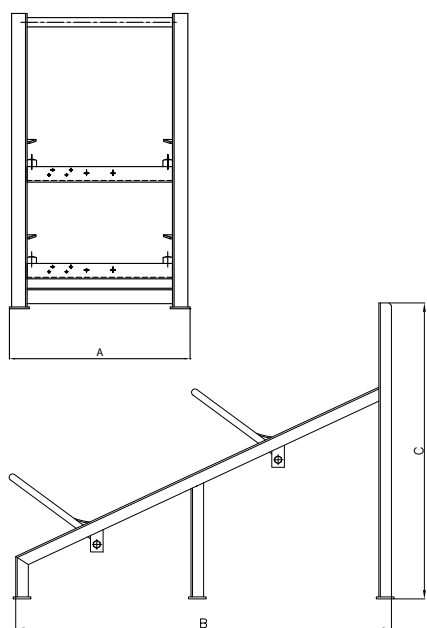
Column Racks

Part no.	Lashing no.	Rack incl. lashing no.	Container type	A	B	C	Pack type	Surface	Weight
1014868	1014459	-	35 DK	830	906	2200	A+B	Galvanized	200 kg
1014868	1014867	1057491	35 DKF	830	906	2200	A+B	Galvanized	200 kg
1014765	1015784	1057489	10, 12, 16, 20, 25 DK	800	850	1742	A+B	Galvanized	110 kg
1014765	1015780	1057490	12, 16, 20, 25 DKF	800	850	1742	A+B	Galvanized	110 kg



Single Rack

Part no.	Lashing no.	Rack incl. lashing no.	Container type	A	B	C	Pack type	Surface	Weight
1015750	1003994	1057481	35 DK	820	920	958	A+B	Galvanized	52 kg
1015750	1036173	1057674	35 DKF	820	920	958	A+B	Galvanized	52 kg
1015199	1004208	1057480	10, 12, 16, 20, 25 DK	760	790	838	A+B	Galvanized	35 kg
1015199	1055798	1057673	12, 16, 20, 25 DKF	760	790	838	A+B	Galvanized	35 kg



Double Rack

Part no.	Lashing no.	Rack incl. lashing no.	Container type	A	B	C	Pack type	Surface	Weight
1014756	1014459	1057484	35 DK - 50 DKS	820	1840	1340	A+B	Galvanized	105 kg
1014756	1026580	1057485	35 DKF	820	1840	1340	A+B	Galvanized	105 kg
1015772	1004164	1057482	10, 12, 16, 20, 25 DK	760	1510	1173	A+B	Galvanized	68 kg
1015772	1015780	1057483	12, 16, 20, 25 DKF	760	1510	1173	A+B	Galvanized	68 kg



**VIKING
PPE**

Protective suits





VIKING YouSafe™

Personal Protective Equipment

“We protect and save human lives all over the world” – that’s our mission, our motivation and the very foundation of our existence. When it comes to personal protective equipment, the VIKING YouSafe™ brand embodies our full commitment to this agenda.

We put your safety first - and that goes for all our products - from the basic foam lifejacket to the most advanced offshore work suit. No exceptions. After all, PPE is the ‘last line of defence’ when it comes to enduring the tough jobs and many perils at sea that have inspired the product names in the VIKING YouSafe™ range.

PPE for all applications and approvals

VIKING has the industry’s most comprehensive range of PPE for any application and while our commitment to

safety is realized through proactive focus on quality and performance, VIKING YouSafe™ is about design, features, comfort and style, too. In fact, it’s the sum of excellence across all these factors that drive our unmatched value proposition.

To this day, VIKING YouSafe™ remains a true brand of choice among leading offshore oil, gas and wind asset operators, commercial and passenger shipowners, helicopter transportation providers, coast guards, SAR services and navies worldwide.



At the top of our VIKING YouSafe™ range of immersion suits, our multi-layer PU coated Nylon suits offer optimal dynamics between safety, thermal protection, in-water performance, ergonomic fit and excellent durability. Even in the most extreme situations. All suits are individually tested to the highest standards.

- SOLAS approved solutions
- Quality materials in high visibility yellow
- Quilted thermal liners
- Fire retardant materials
- SOLAS reflective tape
- Oversized fit
- Extended zipper to side of face for the best comfort and minimal water ingress
- Loose gloves for easy donning of the suit and a lifejacket

VIKING YouSafe™ Immersion Suits

PU Coated Nylon

VIKING YouSafe™ Blizzard, Immersion Suit, SOLAS/MED/TC/RMRS

Premium 'Polar Code ready' immersion suit based on a multi-layer system with double thermal insulation to protect you in the harshest of conditions. Built-in buoyancy eliminates the need for a separate lifejacket, provides superior freeboard and enables faster donning in an emergency.

- SOLAS/MED approved multi-layer system (6 hours)
- Built-in buoyancy foam (no lifejacket required)
- Extra thermal insulating liner
- Interior braces for adjustable sizing
- Detachable gloves for easy donning
- Lifting becket, buddy line and emergency light
- Airtight packing optional
- Weight 5 kg
- Dimensions: H 67 x W 50 x D 24 cm (packed)
- Tested to perform under live arctic conditions, most recently during the series of SARex expeditions in Svalbard.

ITEM NO.: PS5002

**Ideal for
Polar Code
applications**

**Approved
without a
lifejacket**



VARIANTS

PS5019

VIKING YouSafe™ Gale, immersion Suit, SOLAS



VIKING YouSafe™ Storm, Immersion Suit, SOLAS/NMD

- Integrated 275N buoyancy for superior self-righting capabilities
- Interior braces for adjustable sizing
- Lifting becket, buddy line and emergency light
- Detachable gloves
- Easy donning and adjustment
- Sizes: Universal 140-200 cm
Oversize 190-210 cm
- Weight: 5.18 kg
- Dimensions: H 67 x W 50 x D 24 cm (packed)
- Airtight packing optional



ITEM NO.: PS5026

Fulfills NMD requirements

**NMD
approved,
self-
righting**

VIKING YouSafe™ Breeze, Immersion Suit, SOLAS/MED/RMRS

Excellent multi-layer immersion suit for increased thermal protection and fast donning in an emergency.

- Must be worn with an approved lifejacket
- Optional lifting becket, buddy line, whistle and emergency light
- Interior braces for adjustable sizing
- Fabric ensures long lifespan of the suit
- Weight 3.16 kg
- Dimensions: H 70 x W 50 x D 15 cm (packed)
- Airtight packing optional
- Included in the Offshore Safety Agreement for fixed fee service exchange



ITEM NO.: PS5006

VARIANTS

PS5019 VIKING YouSafe™ Gale, immersion suit, SOLAS

RELATED PRODUCTS

PV9530 VIKING YouSafe™ Essence, lifejacket, SOLAS

PV9521 VIKING YouSafe™ Multi, lifejacket, SOLAS/USCG/TC

PV9522 VIKING YouSafe™ Ergo, lifejacket, SOLAS

PV9342 VIKING YouSafe™ One, inflatable lifejacket, SOLAS

PV9341 VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE

1038974 Personal Locator Beacon (PLB)





**VIKING
YOUSAFE™**
NEW NAME,
SAME QUALITY

VIKING YouSafe™ Immersion Suits

Neoprene

VIKING YouSafe™ Neoprene immersion suits are made of high quality, durable fabrics.

Thermal protective performance is combined with high visibility colors to help increase your chance of survival in critical situations. Suits comply with SOLAS regulations and provide excellent thermal protection, flame retardancy together with a good, ergonomic fit.

Key features include extended zippers for comfort and minimal water ingress, detachable gloves to ease donning and reinforced anti-slip soles for durability and safety.

Optional integrated buoyancy, lifting beackets and packaging types are available.

Contact your local VIKING office for more information.





VIKING YouSafe™ Wave, Immersion Suit, SOLAS

- Standard model, must be worn with an approved lifejacket
- 6-hour SOLAS approval
- Detachable gloves
- Sizes: Universal 140-200 cm
Over-size 170-210 cm
- Included in the VIKING Shipowner Agreement for fixed fee service exchange

ITEM NO.: PS2014



VARIANTS	
PS2004	VIKING YouSafe™ Wave+, immersion suit, SOLAS
RELATED PRODUCTS	
PV9530	VIKING YouSafe™ Essence, lifejacket, SOLAS
PV9521	VIKING YouSafe™ Multi, lifejacket, SOLAS/USCG/TC
PV9522	VIKING YouSafe™ Ergo, lifejacket, SOLAS
PV9342	VIKING YouSafe™ One, inflatable lifejacket, SOLAS
PV9341	VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE

VIKING YouSafe™ Tide, Immersion Suit, SOLAS/MED/RMRS

- 6-hour SOLAS approval
- Integrated buoyancy module (no lifejacket required)
- Detachable gloves
- Lifting becket, buddy line, emergency light, and whistle
- Sizes: Universal 140-200 cm
Over-size 190-210 cm

ITEM NO.: PS2007



Approved
without a
lifejacket

VIKING YouSafe™ Surge, Immersion Suit, USCG/SOLAS

- Neoprene immersion suit with buoyancy head support (no lifejacket required)
- 6-hour SOLAS approval and USCG approval
- Fixed gloves with straps for easy adjustment
- Lifting strap and buddy line included
- Optional emergency light
- Sizes: Small 140-170 cm
Universal 150-200 cm
Jumbo 170-220 cm

ITEM NO.: PS2006



Approved
without a
lifejacket



Made from waterproof, highly durable and breathable GORE-TEX® fabric VIKING's new generation of highly flexible anti-exposure and immersionsuit for constant wear lets you work hard and stay safe under extreme maritime conditions.

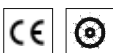
VIKING YouSafe™

Anti-exposure Suits

Dual-approved, fitted and ergonomically enhanced, VIKING YouSafe™ anti-exposure suits are designed for constant wear performance across multiple tough offshore and maritime work applications. Beyond excellent protection, they offer great comfort, flexibility and freedom of movement, too.

VIKING YouSafe™ Hurricane Series, Anti-exposure Suit, SOLAS/MED/RMRS CE/ISO

- Specifically designed for maritime work applications
- Available with (PS4191) or without (PS4190) ergonomically enhanced and fully integrated inflatable buoyancy
- SOLAS and CE approved as anti-exposure and immersion suit
- Ideal for operations in both cold and warmer climates with a choice of detachable liner systems for 1 or 6 hour thermal protection against hypothermia and cold shock
- Made from waterproof and breathable GORE-TEX® NARVIK™ with stretchy fabric panels for enhanced ergonomics, comfort and freedom of movement
- Knees reinforced with DuPont™ Kevlar®
- Choice of gloves and hood, attached rubber safety boots with steel caps and steel soles
- Lifting becket, buddy line, emergency light and whistle
- Host of design extras, i.e. print on back, embroidered patches etc.
- Enhanced fit and visual appearance
- High-visibility yellow enhances your chance of being spotted by SAR crews in case of a MOB emergency



ITEM NO.: PS4191

VARIANTS

PS4190 VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE

RELATED PRODUCTS

PV9341 VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE

PV9340 VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS

Variants
for use with,
or without,
a lifejacket



Ideal
for offshore
wind
applications



**VIKING YouSafe™ Cyclone, Immersion/
Constant Wear Work Suit, SOLAS/CE**

This lightweight suit delivers tailored protection and is perfect for both crew transfer applications and extended wear, enabling users to focus on their work rather than their protective clothing. The snug design prevents friction and snag hazards. In addition, the suit is fully compatible with (offshore wind) industry standard harness

- SOLAS and CE approved
- Outer fabric GORE-TEX® NARVIK™
- Superlight shell with low friction and high tear strength
- Reinforcements with Dupont™ Kevlar®
- Pockets for radio, microphone, phone, equipment, gloves etc.
- Suitable for most industry standard harness types
- Retro-reflective piping
- Available in several sizes, including custom sizes
- Integrated watertight socks or boots



ITEM NO.: PS4116

VARIANTS	
PS4190	VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE
PS4191	VIKING YouSafe™ Hurricane+, anti-exposure suit, SOLAS/CE
RELATED PRODUCTS	
PV9341	VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE
PV9340	VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS





Get the ultimate Product Guides to Personal Protective Equipment

Whether you have an offshore asset or vessel with a specific requirement or an entire fleet with a complex diversity of protective gear needs, our new VIKING YouSafe™ Product Guides for protective suits and lifejackets will give you all the information necessary to specify the safest and most efficient PPE solution. Also, they're good sources for advice and tangible information on key features and benefits, approvals, materials and technology, stock variants, service intervals and much more.

Making the right choice from the outset has long term impact on safety and economy.

Get a free copy at: www.VIKING-life.com or contact your local VIKING office.



**VIKING
PPE**

Lifejackets



PROTECTIVE SUITS AND LIFEJACKETS



VIKING YouSafe™ Lifejackets

Our comprehensive range of VIKING YouSafe™ SOLAS approved lifejackets combine performance and comfort with maximum personal protection at sea.

Choose from a variety of models, buoyancy options, inflation systems and feature combinations suitable for different applications - all crafted to perform in demanding maritime and offshore environments.

While our VIKING YouSafe™ foam lifejackets provide intuitive donning, great protection and performance in an emergency - along with easy repacking and storage when not in use, our inflatable models promise second to none ergonomic comfort and freedom of movement during extended wear.

Also, our inflatable lifejackets apply a modular design philosophy that includes a contemporary 'fitted' look, striking the perfect balance between protection, in-demand design elements and performance enhancing features.

VIKING YouSafe™ lifejackets are made from the best materials and individually tested to the highest standards that one would expect from a world leading manufacturer of life-saving equipment.



VIKING YouSafe™ One, Inflatable Lifejacket, SOLAS/MED

- Black cover in PU coated Polyester
- Lightweight and minimalist low-profile design
- Available with 180 N and 275 N buoyancy (275 N with sprayhood)
- Perfect as an abandonment jacket
- Applicable for UK HSE applications

ITEM NO.: PV9342



VARIANTS	
PV9341	VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE
PV9340	VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS
RELATED PRODUCTS	
PS2014	VIKING YouSafe™ Wave, immersion suit, SOLAS
PS5006	VIKING YouSafe™ Breeze, immersion suit, SOLAS
PS5019	VIKING YouSafe™ Gale, immersion suit, SOLAS

VIKING YouSafe™ Pro, Inflatable Lifejacket, SOLAS/MED/CE

- high visibility Red/black, high visibility yellow/black PU coated Polyester or red/black, yellow/black wipe clean cover
- Options of 180 N or 275 N double chamber buoyancy, and 275 N asymmetrical
- Ergonomic design
- Optional sprayhood and PLB
- Option of Halkey-Roberts® or Hammar® inflation systems
- Additional custom options and features
- Fully compatible with VIKING anti-exposure and work suits
- Excellent finish and 'fitted-look'



ITEM NO.: PV9341

VARIANTS	
PV9342	VIKING YouSafe™ One, inflatable lifejacket, SOLAS
PV9340	VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS
RELATED PRODUCTS	
PS4116	VIKING YouSafe™ Cyclone, immersion/constant wear work suit, SOLAS/CE
PS4190	PS4190 VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE

Top
of the line
product

VIKING YouSafe™ Elite, Inflatable Lifejacket, SOLAS/MED

- Hi-vis yellow, black polyester or high visibility yellow or black wipe clean covers
- Options of 180N or 275N double chamber buoyancy and 275 N asymmetrical
- Belt-style waist with an integrated, padded back panel
- Optional sprayhood and PLB
- Option of Halkey-Roberts® or Hammar® inflation systems
- Water-activated lifejacket light
- Front buckle systems (with or without D-ring)
- Dual crotch strap
- Integrated neck support/comfort padding
- Convenient re-packing solutions available
- Fully compatible with VIKING anti-exposure and work suits
- Excellent finish and 'fitted-look'



ITEM NO.: PV9340

VARIANTS	
PV9342	VIKING YouSafe™ One, inflatable lifejacket, SOLAS
PV9341	VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE
RELATED PRODUCTS	
PS4116	VIKING YouSafe™ Cyclone, immersion/constant wear work suit, SOLAS/CE
PS4190	VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE



VIKING YouSafe™ Essence, Foam Lifejacket, SOLAS

- Basic model
- Orange or high-vis yellow
- Minimal storage space required
- Easy repacking
- Good in-water performance
- Body and head-support buoyancy panel
- Single front buckle and crotch strap
- Whistle, buddy line, lifting strap and optional emergency light
- Option for print, i.e. "name of vessel, cabin number, Adult"

ITEM NO.: PV9530



VARIANTS

PV9521 VIKING YouSafe™ Multi, foam lifejacket, TC/USCG/SOLAS

RELATED PRODUCTS

PS2014 VIKING YouSafe™ Wave, immersion suit, SOLAS

PS5006 VIKING YouSafe™ Breeze, immersion suit, SOLAS

PS5019 VIKING YouSafe™ Gale, immersion suit, SOLAS

VIKING YouSafe™ Multi, Foam Lifejacket, USCG/SOLAS

- Multi approved for flexible application
- Back panel provides extra comfort
- Side entry for easy donning
- Equipped with a crotch strap for good performance and fit upon impact with water.
- Low profile front panel for good field of vision, increased mobility and easier liferaft entry
- Whistle, buddy line, lifting strap and optional emergency light
- Option for print, i.e. "name of vessel, cabin number, Adult"

ITEM NO.: PV9521



VARIANTS

PV9530 VIKING YouSafe™ Essence, foam lifejacket, SOLAS

RELATED PRODUCTS

PS2014 VIKING YouSafe™ Wave, immersion suit, SOLAS

PS5006 VIKING YouSafe™ Breeze, immersion suit, SOLAS

PS5019 VIKING YouSafe™ Gale, immersion suit, SOLAS

VIKING YouSafe™ Ergo, Foam Lifejacket, Adult, SOLAS/MED/RMRS

Extremely compact and ergonomic foam lifejacket

- Superior ergonomics, freedom of movement and in-water performance
- Orange, high-vis orange or high-vis yellow
- Emergency light (optional), whistle, buddy line, lifting strap and retro-reflective trim
- Intuitive donning, single buckle closure system and instant adjustment strap system for one-size-fits-all capability
- Swift repacking, easy to stack and stow
- Crotch strap redundant by design

ITEM NO.: PV9522



VARIANTS

PV9518 VIKING YouSafe™ Ergo, lifejacket, child, SOLAS

PV9516 VIKING YouSafe™ Ergo, lifejacket, infant, SOLAS

RELATED PRODUCTS

1061461 Integrated lifejacket light, water activated (W4)

New ergo-efficient design





ADULT • 43 KG
82002017
WWW.VIKING-LIFE.COM
275 IN

Additional SOLAS Lifejackets and CE Work Vests

Configurable VIKING Inflatable Lifejacket for Constant Wear, SOLAS

- Black or red polyester cover
- 180 N, symmetrical buoyancy
- Side closing, plastic release system
- Halkey-Roberts® release system
- Dan W4 light

ITEM NO.: PV9320



VARIANTS

PS9340	VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS
PV9341	VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/ICE
PV9320	Inflatable lifejacket symmetrical 180N, configurable
PV9360	Inflatable lifejacket symmetrical 275N, configurable
PV9361	Inflatable lifejacket asymmetrical 275N, configurable

RELATED PRODUCTS

PS4116	VIKING YouSafe™ Cyclone, immersion/ onstant wear work suit, SOLAS/CE
PS4190	VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE

Offshore Welding, configuration example

- Aluminium coated Aramid cover
- 275 N, symmetrical buoyancy
- Front closing, metal, D-ring
- Halkey-Roberts® release system
- Dan W4 light
- Sprayhood (optional)
- SOLAS/MED and Transport Canada

ITEM NO.: PV9360



VARIANTS

-	Configurable according to specific requirements and applications
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RELATED PRODUCTS

PS4116	VIKING YouSafe™ Cyclone, immersion/constant wear work suit, SOLAS/CE
PS4190	VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE

VIKING Constant Wear Lifejacket/ Work Vest, CE/ISO

- CE/ISO approved
- 275N buoyancy
- Slim and lightweight 'Navy Seals' inspired design for comfortable all-day wear
- Fast and easy to don
- Black, red or high visibility yellow polyester, or alu welding cover

ITEM NO.: PV9210



VARIANTS

PV9273	VIKING RescYou™ Conquest, inflatable lifejacket/work vest, CE
PV9274	VIKING RescYou™ Atlantic, inflatable lifejacket/work vest, CE

RELATED PRODUCTS

1035411	Sprayhood (optional)
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VIKING RescYou™, Conquest Inflatable Lifejacket with Harness/Work Vest, CE/ISO

- Chamber can be automatically, manually or orally inflated
- Fitted with lifting becket, safety harness, whistle, strap for light and toggles for attachment
- Easy donning and doffing with front buckle closing system
- Available in black and red
- CE/ISO approved

ITEM NO.: PV9273



VARIANTS

PV9274	VIKING RescYou™ Atlantic, work vest, CE
PV9210	VIKING constant wear lifejacket, CE

RELATED PRODUCTS

1061461	Integrated lifejacket light, water activated W4
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VIKING YouSafe™ offshore

All passengers and crew travelling by helicopter in hostile offshore areas must wear approved immersion suits and lifejackets. VIKING YouSafe™ means uncompromising safety solutions for offshore aviation.

With an EASA (European Aviation Safety Authorities) approval, VIKING is one of a few suppliers in the world able to offer a fully ETSO approved system comprising cutting-edge pilot and passenger suits, lifejackets and Category A STASS systems to meet any offshore aviation safety requirement.

**The more comfortably you fly,
the better you can do your job**

Both pilots and passengers must be able to safely and comfortably perform at their best – no matter how their environment changes. Passengers must report fresh for duty and with rigs and wind farms



helicopter aviation safety gear

still further from shore, personal protective equipment needs to be comfortable enough to be worn properly on longer flights.

With advanced equipment to operate and lives to protect, pilots must stay focused and alert. They require fitted gear that moves as they do - and which won't conflict with on board equipment.

Both for pilots and passengers, top-quality materials are essential to allow the body to breathe comfortably during extended wear.

All VIKING YouSafe™ offshore aviation safety gear is designed to ensure unmatched comfort and safety. For those who don't always fly to work, we also supply dual-approved solutions (SOLAS/ETSO) meaning you only need one PPE solution for boat or helicopter transfer.

VIKING offers both purchase, rental, leasing agreements as well as tracking and servicing of aviation equipment.

VIKING's global network:

North Sea Corridor EASA Part 145 approved servicing stations

A grayscale map of the North Sea region, including the United Kingdom, Ireland, Denmark, Germany, and the Netherlands. Four specific locations are highlighted with text labels: Aberdeen in the UK, Esbjerg in Denmark, Schwei West in Germany, and Den Helder in the Netherlands. The map shows the coastlines and the North Sea itself.

Aberdeen **UK**

Esbjerg **DENMARK**

Schwei West **GERMANY**

Den Helder **THE NETHERLANDS**



360° safety equipment servicing coverage of the North Sea

Aviation safety legislation dictates that all companies operating in the North Sea area must have their aviation equipment maintained by a Part 145-approved servicing station.

VIKING has an unmatched level of coverage around the North Sea that brings compliance security efficiency for offshore operators and protects their ability to function.

VIKING's offshore customers can have their aviation suits and lifejackets maintained and repaired at five EASA Part 145 approved stations; Aberdeen in the UK, Den Helder in the Netherlands, Esbjerg in Denmark or Schwei West in Germany – or a combination of these locations.

All five servicing stations are also approved to carry out maintenance and repair of VIKING YouSafe™ immersion suits and lifejackets.



VIKING YouSafe™ Pilot safety gear

VIKING YouSafe™ helicopter pilot suits are designed to enhance ergonomics during flight operations, ensuring unmatched, comfort, safety and performance.

VIKING YouSafe™ Ace, Helicopter Pilot Suit, ETSO

- Pilot suit with U-zipper for better comfort during constant wear
- Nomex® outer fabric with a GORE-TEX® moisture barrier for better breathability
- Integrated valves to remove trapped air and control buoyancy
- Shaped knees and elbow reinforcements
- Elastic intake at waist and center back for added comfort
- Weight: 2.9 kg
- Dimensions: H 70 x W 40 x D 15 cm (packed)

ITEM NO.: PS4043



VIKING YouSafe™ Aviator
(split neck zipper)

VIKING YouSafe™ Airman,
pilot suit (J-zipper)



VARIANTS

PS4044 VIKING YouSafe™ Aviator, pilot suit, split neck zipper, ETSO

PS4045 VIKING YouSafe™ Airman, pilot suit, J-zipper, ETSO

RELATED PRODUCTS

PV9365 VIKING YouSafe™ Crew, helicopter crew lifejacket, ETSO

VIKING YouSafe™ Crew, Helicopter Crew Lifejacket, ETSO

As lightweight and comfortable as possible, this durable crew lifejacket is a close fit while still offering maximum maneuverability for the wearer's upper body.

- Military-inspired design
- Easily accessed adjusters
- Sprayhood
- Emergency light and whistle
- Buddy line and lifting becket
- Molle system
- Weight: 1.96 kg
- Dimensions: H 60 x W 36 x D 12 cm (packed)

ITEM NO.: PV9365



RELATED PRODUCTS	
PS4043	VIKING YouSafe™ Ace, pilot suit (U-zipper, ETSO)
PS4044	VIKING YouSafe™ Aviator, pilot suit (split-neck zipper,
PS4045	VIKING YouSafe™ Airman, pilot suit (J-zipper, ETSO)
1059068	Category A STASS System

Category A STASS System

- Aqua Lung LV2 with nose clips
- State-of-the-art Emergency Breathing System (EBS)
- Approx. 21 breaths capacity
- Weight 1.6 kg
- Length 26.67 cm

ITEM NO.: 1059068



RELATED PRODUCTS	
PV9365	VIKING YouSafe™ Crew, helicopter crew lifejacket (ETSO)

VIKING MSLD – S, STANDARD

- AIS transmission for position plotting
- Transmission for homing: 121.5MHz
- >12 hours transmission
- Battery life time 5 years

ITEM NO.: 1063352

Approved for helicopter transport



VARIANTS	
1063654	VIKING MSLD-X, Standard (ATEX approved)
RELATED PRODUCTS	
-	A wide range of PLBs available



VIKING YouSafe™

Passenger safety gear

VIKING YouSafe™ Pioneer, Helicopter Passenger Suit, ETSO

With a brand new design optimizing fit, ergonomics and performance, the VIKING YouSafe™ Pioneer ensures the most comfortable and safe transit to and from offshore installations.

- Top of the line model with multi-layer thermal liner that regulates body heat
- DuPont™ Nomex® outer fabric with a GORE-TEX® moisture barrier for better breathability
- Integrated valves to remove trapped air in an evacuation situation to control buoyancy
- Detachable gloves
- 100% compatibility tested with the VIKING YouSafe™ Pax (PV9375) ETSO passenger lifejacket
- J-zipper for added comfort
- Low profile cuffs and neck seal increasing comfort and ease of donning/doffing
- Superior comfort with several adjustment features
- Available in several sizes, including custom sizes
- Dimensions: H 60 x W 45 x D 10 cm (packed)

ITEM NO.: PS4036



VARIANTS	
PS4002	VIKING YouSafe™ Voyager, Passenger Suit, Dual Approved, ETSO/SOLAS
PS4003	VIKING YouSafe™ Commuter, Passenger Suit, ETSO
RELATED PRODUCTS	
PV9375	VIKING YouSafe™ Pax, Lifejacket
1063352	VIKING MSLD - S, PLB Standard

VIKING YouSafe™ Explorer, Helicopter Passenger Suit, ETSO/SOLAS/RMRS

- High visibility yellow outer material
- Specially designed for icy waters
- Intelligent thermal liner
- Innermost layer reduces friction, making it easy to don and doff
- Snug fit enhances freedom of movement and ease of helicopter egress
- Optional PLB
- Category A EBS STASS system
- Complete with CO₂ inflated buoyancy system
- Sleeve-mounted magnets to keep gloves away when not in use
- Split neck zipper for better comfort during constant wear
- Sprayhood
- High-flexibility neoprene boots

ITEM NO.: PS5040



VIKING YouSafe™ Pax, Helicopter Passenger Lifejacket, ETSO

- Ergonomic, lightweight 'fitted' design
- Multiple adjustment possibilities
- Cover made from hi-grade fabric
- Extra padding on back for added comfort and support
- Sprayhood
- Manually or orally inflated
- Weight: 7.96 kg
- Dimensions: Approx. 60 x 36 x 20 cm (packed)
- Option for category A STASS emergency breathing system and PLB

ITEM NO.: PV9375

ETSO approved

VARIANTS

PV9365 VIKING YouSafe™ Crew, Helicopter crew lifejacket, ETSO

RELATED PRODUCTS

PS4036 VIKING YouSafe™ Pioneer, Passenger suit, ETSO

PS4002 VIKING YouSafe™ Voyager, Passenger suit, Dual Approved, ETSO/SOLAS

PS4003 VIKING YouSafe™ Commuter, Passenger suit, ETSO



FOR TRAINING VIKING Aviation Suit

- Training version of VIKING YouSafe™ Commuter (PS4003)
- Nomex® outer fabric with a GORE-TEX® moisture barrier
- Integrated valves to remove trapped air in an evacuation situation to control buoyancy
- J-zipper for added comfort
- Available in several sizes, including custom sizes
- Weight: 2.029 kg
- Dimensions: H 60 x W 45 x D 10 cm (packed)

ITEM NO.: PS4103



RELATED PRODUCTS

PV9376 Aviation lifejacket for training

PV4036 VIKING YouSafe™ Pioneer, Passenger Suit, ETSO

PS4002 VIKING YouSafe™ Voyager, Passenger Suit, Dual Approved, ETSO/SOLAS

PS4003 VIKING YouSafe™ Commuter, Passenger Suit, ETSO

FOR TRAINING VIKING Aviation Lifejacket

- Training version of VIKING YouSafe™ Pax (PV9375)
- Sprayhood
- Detachable neck protection
- Manually or orally inflated
- Weight: 7.96 kg
- Dimensions: Approx. 60 x 36 x 20 cm (packed)
- Prepared for category A STASS emergency breathing system

ITEM NO.: PV9376



RELATED PRODUCTS

PS4103 VIKING aviation suit for training purposes

A large white offshore wind turbine stands in the ocean. A blue and red installation vessel, labeled 'SEA INSTALLER', is positioned next to the turbine's yellow base. The sky is clear blue, and the water is calm.

The safest choice

Let VIKING help you to achieve uncompromising offshore safety.

On the water and in the air

Offshore wind professionals turn to VIKING to help them work more easily and safely in harsh environments and demanding situations. On the water, we offer a purpose-built range of offshore wind safety equipment for installation and supply vessels, rescue and crew transfer boats. In the air, we provide work suits and lifejackets tailored to helicopter transportation.



for offshore wind

Complete servicing

VIKING doesn't just produce safety equipment - we take care of your servicing needs, too. With rapid-delivery global stockpoints, and a constantly growing network of certified servicing stations, you get on-time, quality service, flexible leasing agreements to ensure complete and constant compliance with North Sea and international regulations – straight from the manufacturer.

Fully compliant

All VIKING offshore wind product packages are certified to the latest requirements of SOLAS, ETSO, CE and the EU.



Complete offshore wind safety packages

Full protection in harsh environments.



ETSO pilot suits and lifejackets

ETSO and SOLAS helicopter transportation suits and lifejackets

SOLAS and CE offshore work suits and lifejackets



Anti-exposure and immersion suits

Emergency equipment

Fire safety equipment

Pyrotechnics

Signs



Boats and davits

Full vessel safety product packages

Lifebuoys and accessories

Liferafts and davits



Protective gear for offshore wind

VIKING YouSafe™ Hurricane Series, Anti-exposure Suit (SOLAS/CE)

This highly durable anti-exposure suit combines superior materials with a unique design allowing wearers to work hard and stay safe.

The suit performs under extreme climatic and weather conditions while still offering comfort and breathability.

Highlights

- GORE-TEX® NARVIK™ outer fabric
- Thermal lining
- Radio, knife and removable pockets
- Lifting becket, buddy line, light and whistle
- Available in several sizes, including custom sizes
- Choice of attached safety boots, rubber boots or watertight socks
- Versions with and without integrated buoyancy

ITEM NO.: PS4190/91

SOLAS and CE approved anti-exposure, work and immersion suit



VIKING YouSafe™ Cyclone, Constant Wear Work and Immersion Suit (SOLAS/CE)

This lightweight suit delivers tailored protection and is perfect for extended wear, enabling users to focus on their work rather than their protective clothing. The snug design prevents friction and snag hazards in climbing situations.

Highlights

- GORE-TEX® NARVIK™ outer fabric
- Superlight shell with low friction and high tear-strength
- Dupont™ Kevlar® reinforcements
- Pockets galore: for radio, microphone, phone, equipment, gloves etc.
- Designed for use with industry standard harness types
- Retro-reflective piping
- Available in several sizes, including custom sizes
- Option for integrated watertight socks or safety boots

ITEM NO.: PS4116

SOLAS and CE approved work and crew transfer suit



VIKING YouSafe™ Pro,
Inflatable Lifejacket, SOLAS/CE

- Ergonomic design and excellent finish and appearance
- Double buoyancy chamber. Available with 180N, 275N and 275 (asymmetric) buoyancy
- Excellent in-water performance
- Unique VIKING 'cleat' system for safe recovery and easy repacking
- Zipper with reflective trim for slimline look and better visibility
- Available with Halkey Roberts® or Hammar® inflator units
- Great choice for all professional maritime and offshore applications
- Fully compatible with VIKING anti-exposure and work suits
- Fully compatible with (offshore wind) industry standard harness systems
- Lifejacket light included
- Option for high-grade VIKING type sprayhood
- Option for PLB (VIKING recommends PLB MOB1 (AIS) or MSLD (AIS and 121.5 Mhz)
- Additional options for customization

ITEM NO.: PV9341



VARIANTS	
PV9342	VIKING YouSafe™ One, inflatable lifejacket, SOLAS
PV9340	VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS
RELATED PRODUCTS	
PS4116	VIKING YouSafe™ Cyclone, immersion/constant wear work suit, SOLAS/CE
PS4190	VIKING YouSafe™ Hurricane, anti-exposure suit, SOLAS/CE

PLB - MOB1

- AIS (Automatic Identification System) signal
- Automatic activation
- Simple lifejacket integration
- 7 year battery life

ITEM NO.: 1063354



VIKING MSLD – S, STANDARD

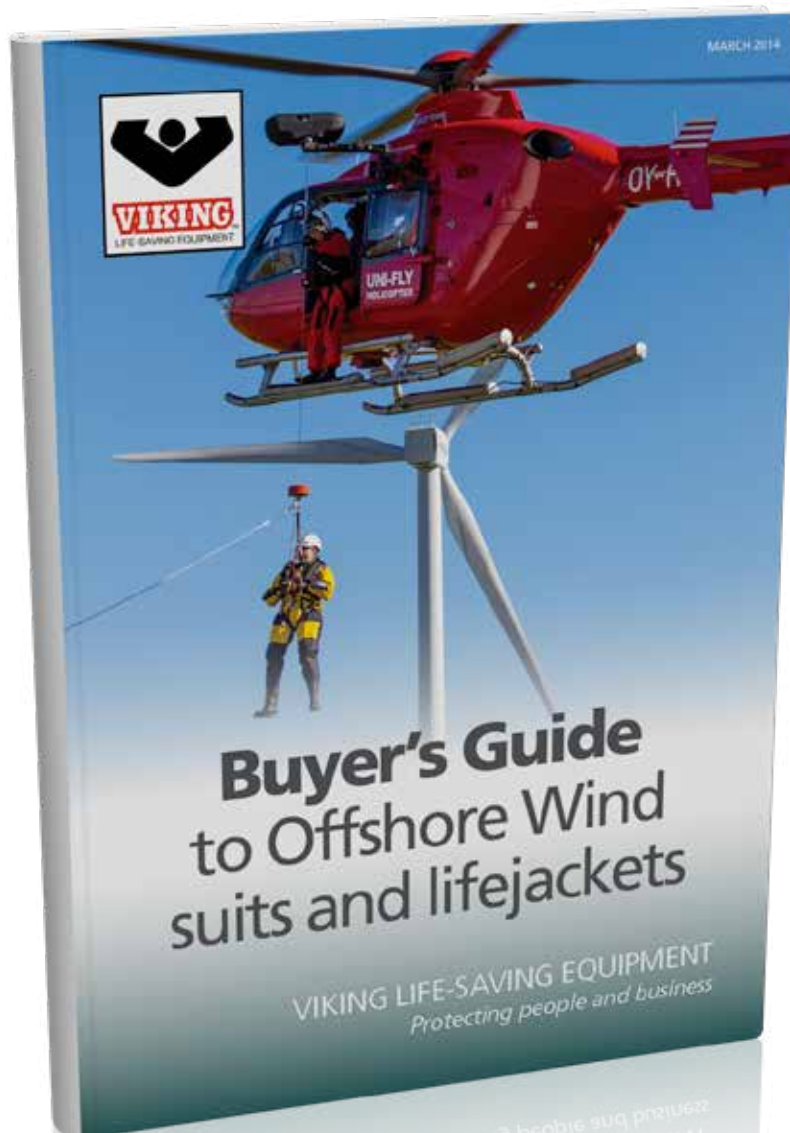
- AIS transmission for position plotting
- Transmission for homing: 121.5MHz
- >12 hours transmission
- Battery life time 5 years

ITEM NO.: 1063352

Approved for helicopter transport



VARIANTS	
1063354	VIKING MSLD-X, Standard (ATEX approved)



All you need to know about offshore wind suits and lifejackets

Uncompromising safety on the water and in the air. Download your free copy on VIKING-life.com or contact your nearest VIKING location for further information.

NEW REGULATION:
THE POLAR CODE



Safety and the Polar Code

With the introduction of the Polar Code on 1 January 2017, the IMO has stepped up global efforts to safeguard the increasing number of seafarers and passengers navigating Polar waters, along with the pristine environment in which they operate.

As a global leader in maritime safety, VIKING is dedicated to raise the transparency of the Code, making it as easy and simple as possible for everyone to remain safe and compliant.



PHOTO COURTESY OF ROYAL ARCTIC LINE

A pedigree of Polar safety

VIKING has decades of experience when it comes to Polar safety. Working with special forces, navies and SAR services, as well as arctic shipping companies and expedition cruise lines, we know what it takes to specify efficient safety solutions for Polar applications.

We were first to develop special Polar liferafts operational down to -50°C , while our Polar immersion suits are tested down to -60°C .

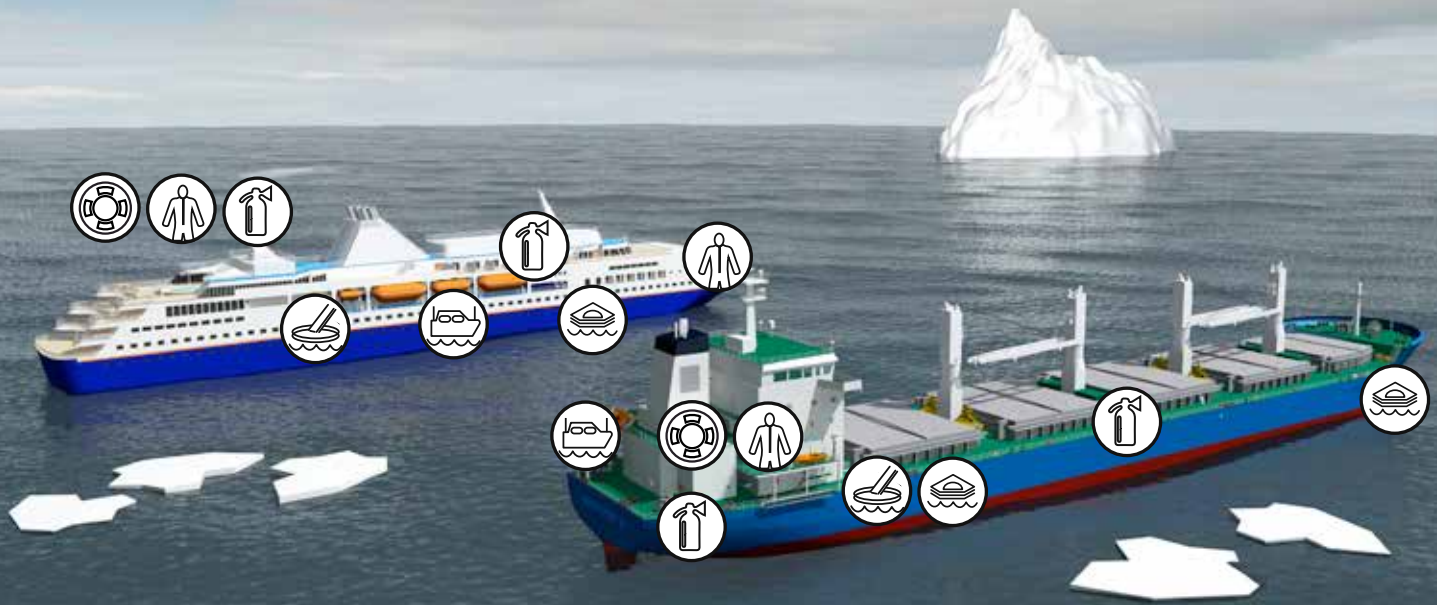
Both solutions are widely in use with operators navigating cold and icy waters today. Also, we have developed special winterized marine and offshore evacuation systems and with an exhaustive portfolio of life-saving appliances, we can always put together a complete safety package, including personal and

group survival kits according to the goal-based recommendations of the Polar Code.

SARex tested

VIKING has actively contributed and participated in all of the SARex expeditions arranged by the Norwegian Maritime Authority, revealing potential gaps between existing safety equipment and the demands of the Polar Code.

Here, our equipment was put through extensive and realistic full-scale tests, building on our unique insight for understanding Polar risks and how best to mitigate them through equipment performance.



Specifying life-saving solutions under the Polar Code



Liferafts, lifeboats and MES

The Code only permits the use of partially or totally enclosed survival craft.

VIKING solutions:

VIKING offers a full range of survival craft for Polar applications. We were the first to offer dedicated Polar liferafts operational down to minus 50 degrees celsius.

While not addressed individually by the Polar Code, Marine Evacuation Systems (MES) must be operable at the PST, be protected from ice and use enclosed survival craft. VIKING has long supplied MES solutions for vessels and offshore installations in Polar regions, hereunder several operating under demanding Russian regulations for winterization.



Marine fire equipment

All equipment relevant to firefighting must remain accessible and operable at all times. It should not be incapacitated by cold temperatures or obstructed by ice and snow.

VIKING solutions:

VIKING supplies a complete range of marine firefighting equipment along with storage solutions for mitigating ice related risks.



Protective clothing

The Polar Code states that adequate thermal clothing must be provided for all persons on board. Additionally, an immersion suit (VIKING recommends) or thermal protective aid must be provided.

VIKING solutions:

VIKING has the most extensive range of SOLAS approved immersion and anti-exposure suits in the industry. Our VIKING YouSafe™ Blizzard Polar immersion suit is widely used by cold-water shipping operators today.

Design features such as detachable gloves, easy donning and integrated buoyancy make these suits an excellent choice from both a safety, comfort and storage space perspective.



Survival kits and life-saving appliances

To support the requirement for minimum 5 days survival upon escape and evacuation, the Polar Code mandates the carriage of group (GSK) and personal (PSK) survival kits based on the number of people on board.

VIKING solutions:

VIKING offers an exhaustive range of life-saving appliances. PSK and GSK packages can be specified in accordance with code and client requirements. Like our liferafts, lifeboats and PPE, VIKING PSK and GSK solutions are field tested at the SARex expeditions.



Polar Lifteraft

- Fully functional at temperatures as low as -50°C
- Efficient heating system ensures that the liferaft inflates despite extreme temperatures
- IP68 certified for blast proof areas



ITEM NO.: L025D0014AC5

Recommended for Polar applications.
Approved according to Russian winterization guidelines.
Certified by DNV, USCG, TC Canada, ATEX and RMRS.

VARIANTS

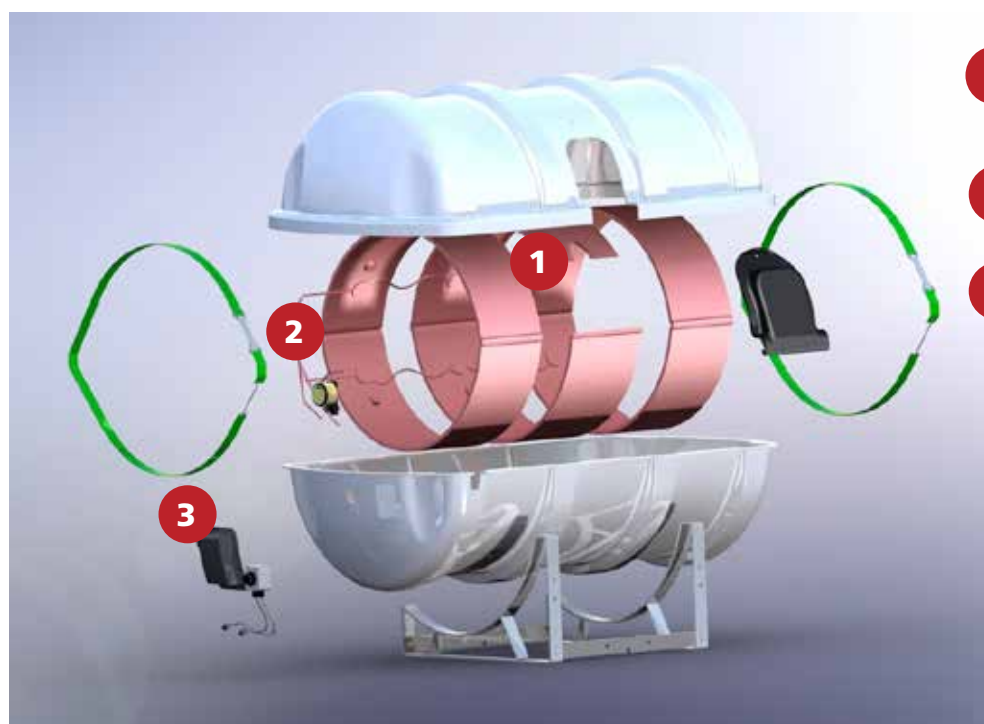
- Throw-overboard liferaft, Polar, 6, 8, 10, 12, 16, 20, 25, 35 persons
- Davit davit-launched liferaft, Polar, 16, 20, 25, 35 persons

RELATED PRODUCTS

A Polar liferaft package typically consists of liferafts along with specially selected cradles, relays, cables and boxes suited for polar conditions.

- | | |
|----------------|----------------------------------------------------|
| 1056143 | Control box supply for up to 2 adjacent containers |
| 1056183 | Control box supply for up to 3 adjacent containers |
| 1042425 | Hammar® HRU, heated |

Special Heated Container



- 1** Built-in silicone rubber heating mats inside the container prevent over-icing.
- 2** Heated hydrostatic release unit.
- 3** The exterior supply box can heat up to three containers simultaneously. Its built-in short circuit protection and power indicator provide total reliability.

When the ambient temperature rises above approx. 5°C, the heater automatically deactivates.

VIKING Polar Liferafts hold the following patents:
DK Patent No. 176716B1
CN Patent No. 101795934B
Patent Pending EP

Polar Survival Kits

Powered by experience gained across all SARex expeditions along with positive feedback from several customers across all Polar Code applications and segments - VIKING has perfected its range of standard personal (PSK) and group (GSK) Polar survival kits.



VIKING Personal Survival Kit (PSK) - Winter
ITEM NO. 1075974

List of Contents	Quantity
Thermal Merino Long Johns (VP)	1
Thermal Merino Base Layer (VP)	1
Thermal Coverall Winter (VP)	1
Extreme Thermal Merino Socks (VP)	1
Head and Neck - Merino Headover (VP)	1
Thermal Merino Gloves (VP)	1
Extreme Polar Mittens (VP)	1
Polar Winter Boots	1
Skin Protection - Sun Cream (50 SPF)	1
Thermal Protective Aid - TPA	1
Polarised Sunglasses	1
SOLAS Whistle	1
Drinking Mug - Green Cup	1
Multitool	1
Polar Survival Guide	1
Emergency Food	1
Carrying Bag	1

Packing

- Clothing is vacuum packed to minimize volume
- Packed in specially designed floatable carrying bag with watertight zipper and shoulder straps
- Dimensions: Approx. 50 x 38 x 24 cm
- Weight: Approx. 5.83 kg

Considering the goal based nature of the Polar Code, our new summer and winter edition survival kits take into consideration the varying demands of the different seasons, temperatures and general climatic condition under which different vessels may operate.

While our standard survival kits will cover the needs of most Polar operators, customized solutions remain available upon request.



VIKING Group Survival Kit (GSK) - Winter
ITEM NO. 1075976

List of Contents	Quantity
EIRA 6000 Tent	1
Thermal Protective Aid - TPA	6
Sleeping Bag - Winter down to minus -35	3
Self-Inflating Sleeping Mat	3
Snow Shovel - Aluminium	2
Toilet Paper	6
Hand Sanitizer - 50 ml	2
Cooking System -Fyrestorm c/w Pan	1
Bio Fuel, 1 L	2
Emergency Food	18
SOLAS FFLAM Torch	1
Water/Windproof Matches	2
SOLAS Whistle	1
Signalling Mirror	1
Water Container Bladder, 1.5 L	2
Water Purification Tablets	2
Spare Personal Survival Kit - Winter	1
Group Survival Kit Bag	1

Packing

- Packed in specially designed, floatable carrying bag with watertight zipper and shoulder straps for easy dragging over ice

Content packed in two individual bags:

- Dimensions: 105 x 70 x 50 cm
- Weight: Approx. 38.5 kg



VIKING Personal Survival Kit (PSK) - Summer ITEM NO. 1075958

List of Contents	Quantity
Thermal Coverall Summer (VP)	1
Thermal Merino Gloves (VP)	1
Merino Socks (VP)	1
Head and Neck - Thermal Headover (VP)	1
Polar Mittens (VP)	1
Polar Fur Boots	1
Skin Protection - Sun Cream (50 SPF)	1
Thermal Protective Aid - TPA	1
Polarised Sunglasses	1
SOLAS Whistle	1
Drinking Mug - Green Cup	1
Mini Knife	1
Polar Survival Guide	1
Emergency Food	1
Carrying Bag	1

Packing

- Clothing is vacuum packed to minimize volume
- Packed in specially designed floatable carrying bag with watertight zipper and shoulder straps
- Dimensions: Approx. 48 x 38 x 20 cm
- Weight: Approx. 5.70 kg

VIKING Group Survival Kit (GSK) - Summer ITEM NO. 1075975

List of Contents	Quantity
EIRA 6000 Tent	
TPA - Thermal Protective Aid	6
Sleeping Bag - down to -24 degrees	1
Reflective Sleeping Mat	6
Snow Shovel - Plastic	3
Toilet Paper	3
Hand Sanitizer - 50 ml	2
Folding Cooker + 2 Mess Tins	6
Eco Fuel Tablets (18)	2
Emergency Food	1
SOLAS FFLAM Torch	1
Water/Windproof Matches	18
SOLAS Whistle	1
Signalling Mirror	2
Water Container Bladder, 1,5 L	1
Water Purification Tablets	1
VIKING Spare Personal Summer Survival Kit	2

Packing

- Packed in specially designed, floatable carrying bag with watertight zipper and shoulder straps for easy dragging over ice

Content packed in two individual bags:

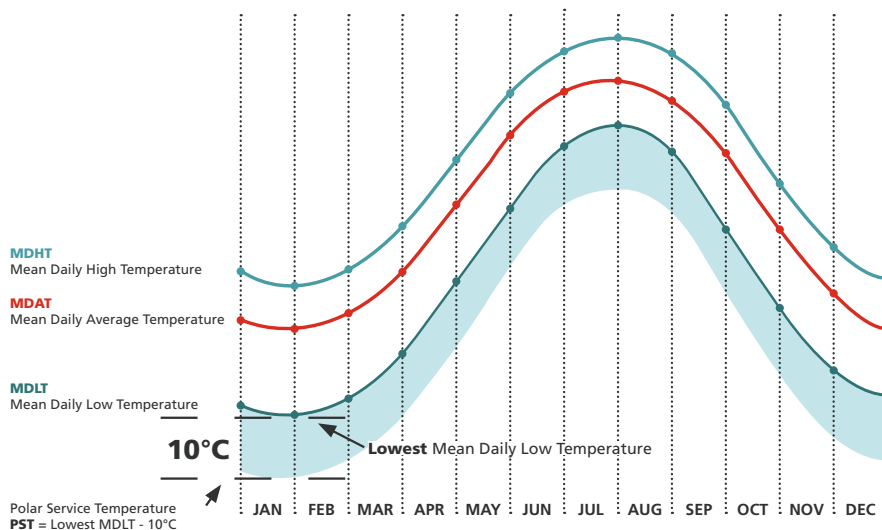
- Dimensions: 105 x 70 x 45 cm
- Weight: Approx. 36 kg



PHOTO CREDIT: SAREX

Polar Service Temperature

Specifying the right Polar Service Temperature (PST)



Polar Service Temperature (PST) is a new term introduced by the Polar Code. The PST is referenced when specifying demands for equipment and systems.

Calculation of the PST is based on the Mean Daily Low Temperature (MDLT) for the intended area and season of operation.

The MDLT is a statistical mean of daily low temperatures for each day of the year.

Ships that operate where the lowest MDLT is below -10°C must specify a PST set at least 10°C below the lowest MDLT.

Heated Cabinets

- VIKING supplies a full range of heated cabinets
- Protected heater box keeps suits, lifejackets, firefighting equipment, LSA etc. from freezing or accumulating ice
- Various sizes and wattages is available
- ATEX approved versions



Wide range of marine fire extinguishers, hoses, nozzles and accessories

Helilift Marin Hypothermia Stretcher

- Floating version with buoyancy device and weights
- Hypothermia blanket set
- Easy to manoeuvre through narrow corridors and emergency exits
- Temperature limits -40°C to +70°C

ITEM NO.: 1035507



VIKING Thermal SOLAS Lifejacket

- 140N lifejacket with integrated neoprene torso
- Snug fit with thermal capabilities, fits all sizes
- Emergency light, whistle, buddy line and lifting becket

ITEM NO.: PV9720

96/98/EC and MSC-81(70) approved
MSC-207(81) and MSC-200(80) compliant
and Circular 922 for thermal lifejackets.





**Ideal for
Polar Code
applications**

**Approved
without a
lifejacket**

VIKING YouSafe™ Blizzard, Immersion Suit, SOLAS/TC/RMRS

Top of the line model with extra durability and extended protection.

- Built-in buoyancy
- Tested for donning down to -60° Celsius
- Extra thermal barrier (twice that of a standard immersion suit)
- Interior braces for adjustable length
- Detachable gloves for easy donning
- Lifting becket, buddy line and emergency light
- 6-hour SOLAS approval
- Airtight packaging optional
- Sizes: Universal 140-200 cm
Oversize 190-210 cm

ITEM NO.: PS5002



VARIANTS

PS5019	VIKING YouSafe™ Gale, immersion suit, SOLAS
PS5006	VIKING YouSafe™ Breeze, immersion suit, SOLAS



**Breathable
GORE-TEX®
PAZIFIK™**

VIKING YouSafe™ Hurricane, Anti-exposure Suit, SOLAS/CE

- Ideal for MOB/FRB crew
- Ideal for operations in both cold and warmer climates
- Choice of 1 or 6-hour zip-in thermal liner systems with integrated buoyancy foam
- Lifting becket, buddy line, light and whistle
- Choice of footwear, gloves and hood
- Host of design extras, i.e. print on back, embroidered patches.
- Specially designed to comply with the latest SOLAS requirements and maximize protection against hypothermia and cold shock

ITEM NO.: PS4190



VARIANTS

PS4191	VIKING YouSafe™ Hurricane+, anti-exposure suit, SOLAS/CE
--------	----------------------------------------------------------

RELATED PRODUCTS

PV9341	VIKING YouSafe™ Pro, inflatable lifejacket, SOLAS/CE
PV9340	VIKING YouSafe™ Elite, inflatable lifejacket, SOLAS



**VIKING
MARINE FIRE**



Marine Fire Safety Equipment

VIKING can supply complete packages of approved fire suits and related fire safety equipment on board according to the latest regulations.

VIKING manufactures fire suits from top of the line combined immersion and fire suits, to traditional fire suits according to both EN469 and NFPA standards.



VIKING YouSafe™ Marine Fire Suits

VIKING YouSafe™ Fire, Marine Fire Suit, SOLAS

- Aramid multi-layer fire suit
- Approved for structural firefighting
- Quality fire suit with insulation for extra protection against radiant heat
- Complete outfit with two piece fire suit, gloves, helmet and boots
- Sizes: S, M, L, XL, XXL
- Weight: 7.26 kg
- Dimensions: H 55 x W 46 x D 23 cm (packed)



ITEM NO.: PS6573

CE approved according to EN469/2005 and 96/98/EC SOLAS



VARIANTS

PS3789 VIKING YouSafe™ Fire, marine fire suit

RELATED PRODUCTS

1054203 Visor for firefighter helmet

1024862 Neck protection for firefighter helmet 1065914

VIKING YouSafe™ Blaze, Marine Fire Suit, SOLAS

- Extremely lightweight and breathable fire suit according to EN469 Level 2
- Nomex® III outer shell available in orange and navy blue
- Triple trim reflective tape package
- Sizes: S, M, L, XL, XXL, SPL
- Weight: 2.89 kg
- Dimensions: H 50 x W 43 x D 4 cm (packed)



ITEM NO.: PS6581

CE approved according to EN469/2005 and 96/98/EC SOLAS



VARIANTS

PS6598 VIKING YouSafe™ Inferno, two piece Nomex® fire suit

PS6881 VIKING coverall Hainsworth® TITAN fire suit, blue

RELATED PRODUCTS

S-5260360xx Firefighter boots

101479XX Firefighter gloves



VIKING YouSafe™ Inferno, Marine Fire Suit, SOLAS

- Two piece Nomex® fire suit
- Quality fire suit with insulation for extra protection against radiant heat
- High performing towards EN469 level 2
- Good comfort for extended wear
- Approved for structural firefighting
- Reflective trim, removable knee pads, radio and box pockets
- Sizes: S, M, L, XL, XXL, SPL

ITEM NO.: PS6598

CE approved according to
EN469/2005 and 96/98EC SOLAS



VARIANTS

PS7161 VIKING Hainsworth® TITAN two piece fire suit

RELATED PRODUCTS

S-5260360xx Firefighter boots

1017949 Firefighter gloves

VIKING Offshore Fire Suit, USCG/NFPA

- Lightweight and flexible fire suit with thermal protection exceeding new NFPA 1971-2013 standards
- Available in Hainsworth® TITAN, Nomex®, Advance® or PBI® Matrix fabrics
- Durable quality with raglan sleeves for exceptional comfort and freedom of movement
- Double stitching in all seams, heavy duty VELCRO® in closures
- Extra thermal liner in shoulders to protect against compression burns
- Reflective trim, radio pocket and microphone loop
- Sizes: S, M, L, XL, XXL, XXXL
- Pants : Weight: 2 kg
Dimensions: H 40 x W 37 x D 17 cm
- Jacket: Weight: 3 kg
Dimensions: H 41 x W 46 x D 11 cm (packed)

ITEM NO.: PS1126 (JACKET), PS1160 (PANTS)

NFPA approved according to NFPA 1971 – 2013 edition



VARIANTS

PS1162/PS1122 Lightweight NFPA garment with sewn in liner system



Firefighter accessories

Firefighter Gloves

- Black leather gloves
- Waterproof and fire resistant
- Sizes: 7-12
- Weight: 366-422 g
- Dimensions: W 33 x H 18 x D 5 cm (packed size 7)

ITEM NO.: 10179XX

CE approved according to EN659 and 96/98/EC SOLAS



VARIANTS

1027424	Shelby NFPA gloves, model 5228
1039XXX	VIKING Firefighter gloves

Firefighter Boots

- Comfortable boots with reinforced toes and midsole
- Heat and oil resistant rubber sole with protection against penetrating nails
- Sizes: 36-50
- Weight: 2.8 - 3.69 kg
- Dimensions: H 44 x L 33 x W 12 cm (packed size 45)

ITEM NO.: S-5260360XX

Approved according to EN 15090:2006, EN ISO 20345:2004 and SOLAS/MED



VARIANTS

S-5260170XX	NFPA firefighter boots (rubber)
-------------	---------------------------------

RELATED PRODUCTS

PS3789	VIKING Aramid® multi-layer fire suit
1054203	Visor for firefighter helmet

Firefighter Helmet

- Material: Fibreglass
- Size: Adjustable one size
- Weight: 744 g
- Dimensions:
L 31 x W 25 x H 17 cm

ITEM NO.: 1065914

Approved according to EN443
and SOLAS/MED



VARIANTS

- | | |
|----------------|---------------------------------------------------|
| 1027490 | Bullard LTX NFPA firefighter helmet |
| 1069081 | Firefighter helmet MAGMA, type A, high viz yellow |

RELATED PRODUCTS

- | | |
|-----------------|--------------------------------------------------|
| 1054203 | Visor for firefighter helmet (1065914) |
| 1024862 | Neck protection for firefighter helmet (1065914) |
| PS383567 | Firefighter hood, EN13911 approved |
| 1069072 | Nomex® neck cover for helmet |

Short Handled Firefighter Axe

- Weight: 1.05 kg
- Dimensions: L 32 x W 15 x D 3 cm
- Approved according to FSS Code.

ITEM NO.: 1048027



VARIANTS

- | | |
|----------------|------------------------------------|
| 1017940 | Long handled firefighter axe, wood |
|----------------|------------------------------------|

RELATED PRODUCTS

- | | |
|----------------|-----------------------------------------|
| 1020780 | Pouch for short handled firefighter axe |
|----------------|-----------------------------------------|

Waist Belt, Heat Resistant

- Comes with a safety line, D ring and carabiner hook
- Black Polyester, flame-retardant
- Belt dimensions: L 160 x W 8.5 cm

ITEM NO.: 1043103

Approved according to EN358



VARIANTS

- | | |
|----------------|------------------------------------------------------------|
| 1025302 | Safety belt with 2 D-rings, without safety line |
| 1010833 | Safety belt with 2 D-rings, incl. safety line. EN approved |
| 1037279 | Heat resistant waist belt, Kevlar® size L/XL |

RELATED PRODUCTS

- | | |
|----------------|-------------------------------------|
| 1042277 | Fire proof safety line |
| 1043083 | Full harness AG10/MAS10 with D-ring |

Long Handled Firefighter Axe

- Axe approved according to the FSS Code
- Material: Fiber glass handle and steel blade
- Handle length: 90 cm
- Dimension: L 92 x W 34 x D 5 cm
- Weight: approx. 3 kg

ITEM NO.: 1068844



VARIANTS

- | | |
|----------------|------------------------------------------------------|
| 1021766 | Long handled firefighter axe, insulated, NON voltage |
| 1017940 | Long handled firefighter axe, wood |

RELATED PRODUCTS

- | | |
|----------------|------------------------------------------------------------|
| 1006019 | Cover for long handled firefighter axe 1017940 and 1021766 |
|----------------|------------------------------------------------------------|

Offshore firefighter package

There are specific SOLAS/MED requirements for marine fire-fighting as well as flag state approval requirements. VIKING can supply a full package of approved products as needed for your fleet.

COMPLIES
WITH IMO
REGULATION
SOLAS
II-2/10



Firefighter hood
Item No.: PS383567
See page 127



UHF Handheld Radio
Item No.: 1065133
See page 155



Torch light
Item No.: 1045900
See page 159



Compressor
Item No.: 1045777
See page 131

Fire proof safety line
Item No.: 1042277
See page 127, 170



Firefighter helmet
item no.: 1605914
See page 127

Self-contained breathing apparatus (Incl. cylinder)
Item No.: 1056036
See page 130

Spare cylinder for SCBA
Item No.: 1045656
See page 130

Fireman waist belt
Item No.: 1043103
See page 127

Pouch for firefighter axe
Item No.: 1020780
See page 127

Firefighter gloves
Item No.: 10179xx
See page 126

Short firefighter axe
Item No.: 1048027
See page 127

Long handled firefighter axe
Item No.: 1068844
See page 127

Firefighter suit
Item No.: PS6598
See page 124-125

Firefighter boots
Item No.: S-5260360xx
See page 126





Breathing Apparatus



Face mask interface with mic and speaker.



Lapel mic PPT assembly C-C500. Variant depends on radio type.



Face mask with Sabrecom 2 communication system installed.

A handheld radio can be integrated with the Scott SCBA using the Scott Sabrecom 2 interface. The interface varies depending on radio type and brand.

Self-Contained Breathing Apparatus Scott Safety, SIGMA-2

- Complete BA set incl. mask (Promask), backplate, harness and regulator, excl. cylinder (must be ordered separately)
- Can be used with steel or composite cylinders
- Can be equipped with an integrated radio communication unit
- Weight without cylinder: 3 kg
- Dimensions: H 600 x W 278 x D 200 mm

ITEM NO: 1056036



RELATED PRODUCTS	
1057131	Scott Sigma-2 without mask and cylinder
1063872	Face mask for Scott SCBA, type Promask, for radio integration
1055530	Scott Sabrecom 2 radio communications face mask interface
-	Scott PPT assembly for Sabrecom 2 (variant depends on radio type)
1063468	Scott PTT, C-C500 Entel HT800/900 radios

Self-Contained Breathing Apparatus Dräger, PAS Lite

- Complete BA set incl. backplate, harness and regulator
- Delivered without mask (must be ordered separately)
- Face mask recommended: Dräger Panorama Nova
- Can be used with steel or composite cylinders
- Delivered without cylinder
- Weight: 3.4 kg
- Dimensions:
H 66 x W 33 x D 18 cm

ITEM NO: 1051273

Approved according to
EN137 (type 2) and SOLAS/MED



VARIANTS

- PSS3000 - individually configured upon request
- PSS5000 - individually configured upon request
- PSS7000 - individually configured upon request
- Dräger PAS Micro - available upon request
- Dräger PAS Colt - available upon request

RELATED PRODUCTS

- | | |
|----------------|-----------------------------------------------------------------------|
| 1045642 | Dräger Panorama Nova mask for Dräger BA sets |
| 1034140 | Dräger FPS 7000 mask without com-system |
| 1065901 | Dräger FPS 7000 mask with com-system |
| - | Dräger C-C440 Push-To-Talk (PTT) unit (variant depends on radio type) |

Cylinders for Self-Contained Breathing Apparatus

- Can be refilled with an air compressor that has a working pressure of 300 bar
- Weight and dimensions vary depending on the material, capacity and content (filled / empty)



VARIANTS

- | | |
|----------------|--------------------------------------------------|
| 1039805 | Scott cylinder 6 L/300 bar, steel, empty |
| 1045656 | Scott cylinder 6 L/300 bar, steel, filled |
| 1045689 | Scott cylinder 6.8 L/300 bar, composite, filled |
| 1045716 | Dräger cylinder 6 L/300 bar, steel, filled |
| 1052127 | Dräger cylinder 6.8 L/300 bar, composite, filled |
| 1061220 | Dräger cylinder 6.8 L/composite, empty |

Air Compressor, L&W

- LW 100 E ECO, 3-phase, 230 V, 60 Hz, 300 bar
- Lightweight, reliable and ideal for mobile use
- Cylinder and crankshaft bores machined in one process
- Efficient cooling for extended filter life
- Weight: 43 kg
- Dimensions:
H 40 x W 40 x D 67 cm

ITEM NO.: 1034401



L&W compressors can be delivered with other voltages, hertz and bar upon request

Air Compressor, Bauer

- Junior II-E, 3-phase, 400 V, 50Hz, 300 bar
- Durable, long-life compressor block using tempered cylinders
- Piston rings made of high-tech synthetic material
- Stainless steel filling hose with swiveling outlet, safety filling connectors and integrated link protection
- Fitted with "B-TIMER" mini-computer indicating usage and maintenance needs
- Weight: 46 kg
- Dimensions:
H 42 x W 36 x D 66 cm

ITEM NO.: 1045777



Complete range of Bauer products are available upon request

Escape Hood, COGO

- Protects against smoke and carbon monoxide inhalation
- Easy and quick donning
- One size fits all
- Weight: 650 g
- Package dimensions: 14 x 12 x 10 cm

ITEM NO.: 1024164

Complies with EN403



RELATED PRODUCTS	
1029336	Pouch for escape hood

EEBD Escape Set, Scott Safety ELSA 15B

- 15 minutes breathing protection
- Rapid, automatic fire activation
- Weight: 7 kg
- Dimensions: L 52 x W 13.5 x H 34 cm

ITEM NO.: 1042498



RELATED PRODUCTS	
1044969	Cabinet for EEBD

Escape Hood, Dräger PARAT 5500 Series

- Replaces the popular PARAT C
- For protection against toxic fire-related gasses, vapors, and particles
- Filter: CO P2 filter
- Approval: According to EN 403:2004 for fire escape hoods, also tested for use against H2S in accordance with DIN 58647-7
- Packing types: Hard case, soft pack and single pack
- Filter lifetime: 8 years



VARIANTS	
1058686	Escape hood, PARAT 5510, single pack
1058684	Escape hood, PARAT 5520, soft pack
1058685	Escape hood, PARAT 5530, hard case

EEBD Escape Set, Dräger - Saver CF15

- 15 minutes constant flow escape unit
- Simple to use, hood based, and automatically activated
- Also available in hard case and anti-static versions

ITEM NO.: 1043554



RELATED PRODUCTS	
1044969	Cabinet for EEBD

**15 year
maintenance
free**



EEBD Escape Set, Ocenco M-20.2

- No additional service charges such as service fees and costs related to hydrostatic testing
- Very low incidence of leakage compare to compressed air devices
- Completely water tight sealed case protects all of the components from mold, vermin, salt spray, etc.
- Can be worn on the belt during inspections or other work related situations
- Meets all national and international standards
- For one-time use only. Use the training model for onboard exercises
- Solid track record since 2001

ITEM NO.: 1008018



RELATED PRODUCTS

1008020 Steel bracket for EEBD Ocenco

Training model for Emergency Escape Breathing Device with Video and Manual

- Training set for Ocenco EEBD including 2 extra mouth pieces, instruction manual and training video
- Weight: 2.3 kg
- Dimensions:
H 34 x W 33.5 x D 14 cm

ITEM NO.: 1008021



RELATED PRODUCTS

1008020 Steel bracket for EEBD

1008023 Mouthpiece assembly for M-20.2T

Steel bracket for Ocenco M-20.2 EEBD

- Chrome plated steel wire bracket
- Easy to mount
- Compatible with the Ocenco training unit M-20.2T

ITEM NO.: 1008020



RELATED PRODUCTS

1044969 Cabinet for EEBD



Fire extinguishers

Safe and efficient firefighting operations require the readiness of approved and effective fire-fighting equipment according to SOLAS regulations.

VIKING offers a complete range of highly effective fire extinguishers for all types of fires.

For detailed information about the different fire classifications and the suitable agents please check on the right.

VIKING supplies a range of suitable cabinets for portable extinguishers. See the section on storage boxes on page 171.



Fire Classification A

Fires with solid substances mainly of organic nature, naturally causing glowing fires e.g. wood, paper, textiles, coals, some plastics. Extinguishing agent: powder, foam, water.



Fire Classification B

Fires of liquid substances or substances becoming liquid, e.g. petrol, fats, oils, varnishes, resins, tar, waxes and the majority of plastics. Extinguishing agent: powder, foam, CO₂.



Fire Classification C

Gas fires, e.g. methane, natural gas, hydrogen, propane. Extinguishing agent: powder.



Fire Classification D

Metal fires, e.g. magnesium, aluminium, sodium and their alloys. Extinguishing agent: powder.



Fire Classification F

Fires involving deep fried oils and fats, e.g. in restaurant kitchens etc. Extinguishing agent: water and additive.

Portable fire extinguisher - offshore range

VIKING's offshore range for portable fire extinguishers are high quality European made extinguishers specially designed to meet the requirements within the offshore industry.

Main product highlights

- Cylinder: sandblasted steel
- Inner coating: Polyethylene
- Outer coating: two component polyamine primer and a zinc based polyurethane aliphatic isocyanate bicomponent 150µm top coat
- Valves: brass with levers of stainless steel 316L
- Hoses: EPDM with brass couplings and stainless steel bushes
- Dielectric test: 35 KV at 1 metre distance. Can be used on electrical equipment up to 1,000 volt at 1 metre distance.

Offshore Fire Extinguisher, Foam

- 9 litre concentrated Sealfire AFFF foam
- Cartridge operated
- Suitable for fire classes A, B and F
- Weight: 15 kg
- Dimensions: 55 x 19 x 22 cm

ITEM NO.: 1060036



VARIANTS

1060035	Fire extinguisher, foam, 6 L, cartridge operated, offshore
1060037	Fire extinguisher, foam, 6 L, stored pressure, offshore
1060038	Fire extinguisher, foam, 9 L, stored pressure, offshore

Offshore Fire Extinguisher, Powder

- 6 kg. ABC dry powder
- Cartridge operated
- Suitable for fire classes A, B and C
- Weight: 11 kg.
- Dimensions: 56 x 16 x 19 cm

ITEM NO.: 1060039



VARIANTS

1060050	Fire extinguisher, ABC powder, 9 kg, cartridge operated, offshore
1060051	Fire extinguisher, 12 kg, ABC powder, cartridge operated, offshore
1060052	Fire extinguisher, 6 kg, ABC powder, stored pressure, offshore
1060053	Fire extinguisher, 9 kg, ABC powder, stored pressure, offshore
1060054	Fire extinguisher, 12 kg, ABC powder, stored pressure, offshore

Offshore Fire Extinguisher, CO₂

- 5 kg. CO₂
- Stored pressure
- Suitable for fire class B
- Weight: 14 kg.
- Dimensions: 79 x 14 x 28 cm

ITEM NO.: 1060055



Brackets, agents and cartridges can be found on page 137

Wheeled fire extinguisher - offshore range

VIKING's offshore range for wheeled fire extinguishers are high quality European made extinguishers special designed to the requirements of the offshore industry.

Main highlights and the products

- Cylinder (foam and powder): stainless steel AISI 304
- Outer coating: two component polyamine primer and a zinc based polyurethane aliphatic isocyanate bicomponent 150µm top coat
- Outer frame: detachable stainless steel AISI 304 (less welded point on the cylinder reducing corrosion risk)
- Handwheel valves (on cartridge operated units): stainless steel 316L
- Hoses: EPDM with brass couplings and stainless steel bushes

Agents can be found on page 105

Offshore Wheeled Fire Extinguisher, Powder

- 50 kg. ABC dry powder
- Cartridge operated
- 5 metre discharge hose w. nylon discharge horn and turning ball valve stainless steel AISI 316
- Suitable for fire classes A, B and C
- Weight: 84 kg.
- Dimensions: 105 x 45 x 56 cm

ITEM NO.: 1060057



VARIANTS

1061658 Wheeled extinguisher, ABC dry powder, offshore

Offshore Wheeled Fire Extinguisher, Foam

- 50 litre super concentrate Sealfire AFFF 1% foam
- Cartridge operated
- 5 metre discharge hose w. alloy foam nozzle and turning ball valve stainless steel AISI 316
- Suitable for fire classes A and B
- Weight: 84 kg.
- Dimensions: 115 x 46 x 56 cm

ITEM NO.: 1060056



Offshore Wheeled Fire Extinguisher, Co₂

- 20 kg Carbon Dioxide (CO₂)
- 5 metre discharge hose
- Suitable for fire class B

ITEM NO.: 1060059



VARIANTS

1060058 Wheeled fire extinguisher, 10 kg, CO₂, offshore

Spare parts for fire extinguishers

- offshore range

Spare parts specially selected for VIKING's offshore fire extinguishers

Brackets for Portable Offshore Fire Extinguishers

- Robust steel bracket with latch closure to ensure the best stability
- Safety pin provided to ensure the correct closure
- Steel versions are coated with black powder epoxy polyester paint
- Stainless steel versions are made of stainless steel 304 making it durable in harsh conditions



VARIANTS

1060065	Bracket, stainless steel 304 for 6 kg and 6 l ABS extinguisher
1060066	Bracket, stainless steel 304 for 9/12 kg and 9 l ABS extinguisher
1060067	Bracket, stainless steel 304 for 5 kg ABS extinguisher

Cartridges for Portable Offshore Fire Extinguishers

- Original CO₂ cartridges for ABS extinguisher



VARIANTS

1060045	Spare cartridge for 6 and 9 L ABS foam fire extinguisher (55 g.)w
1060046	Spare cartridge for 6 kg. ABS powder fire extinguisher (150 g.)
1060047	Spare cartridge for 9 and 12 kg. ABS powder fire extinguisher (210 g.)
1037009	Spare cartridge for 50 L. ABS foam fire extinguisher

Spare Powder for Portable Offshore Fire Extinguishers

- High quality powder made in Germany
- Manufactured in accordance with requirements of EN615
- Delivered in sealed plastic bag to protect contents during storage



RELATED PRODUCTS

1060068	Spare ABC powder (40%) 9 kg., for 9 kg. ABS powder fire extinguisher
1060069	Spare ABC powder (50%) 6 kg., for 6 kg. ABS powder fire extinguisher
1060070	Spare ABC powder (40%) 6 kg., for 12 kg. ABS powder fire extinguisher (2 pcs. to be used pr. extinguisher)
1060071	Spare ABC powder (30%) 25 kg., for 50 kg. ABS powder fire extinguisher (2 pcs. to be used pr. extinguisher)

Spare Foam for Portable Offshore Fire Extinguishers

- High quality Sealfire foams for achievement of highest extinguishing performance
- Various types of Sealfire foam available



RELATED PRODUCTS

1060063	0.9 l Sealfire foam 3% for 9 L ABS Fire Extinguisher
1038081	2.7 l Sealfire foam 2% for 50 L ABS Fire Extinguisher

Fire Hose Packages

Complete with all parts required

VIKING can supply individual items or complete packages, such as hydrants, adaptors, blanking caps, fire hoses, nozzles, spanners and cabinets. Specify the standards, sizes and material for the equipment you need, and VIKING can provide a complete quotation.



1023759 - Coupling spanner
1071565 - Fire hrse cabinet, right side opening

Product description	Hydrant	Blanking cap	Fire hose standard 20 m	Dual purpose nozzle
Brass Storz C	1025085 - 2"	1025102	1022684 - 2"	1011223
Aluminium Storz C	1025084 - 2"	1025101	1021188 - 2"	1022676
Brass Storz 65	1034607 - 2.5"	1025104	1022690 - 2.5"	1022678
Aluminium Storz 65	1034608 - 2.5"	1025103	1045347 - 2.5"	1022677

Hose Reel Cabinet

- 1" rubber hose
- Steel door frame in color 3000
- 1" water inlet ball valve of brass PN16 plus gauge for water supply connection
- Fixed with 1" full jet spray nozzle
- Certified to MED requirements
- EN671 approved



VARIANTS			
1062913	68 x 68 x 23 cm	36 kg	20 m hose
1062914	68 x 68 x 23 cm	37 kg	25 m hose
1062915	70 x 70 x 30 cm	42 kg	30 m hose



Foam Packages

Foam Inductor Package - *with Foam inductor*



1036852 - Box for foam packages
Weight: 10 kg
Dimensions: L 100 x H 30 x W 40 cm



Product description	Fire hose 25 metre	Foam inductor	Pick up hose	Foam canister 20 litre	Fire hose 10 metre	Foam branch pipe
Brass inductor Storz C Brass	1022685 (2" hose)	1022641 (200 litre)	1011237	1038582 x 2	1022682 (2" hose)	1022636 (200 litre)
Storz C - Aluminium	1022681 (2" hose)	1011238 (200 litre)	1022635	1038582 x 2	1022679 (2" hose)	1011227 (200 litre)
Storz 65 - Brass	1022691 (2.5" hose)	1022643 (200 litre)	1011237	1038582 x 2	1032745 (2.5" hose)	1037572 (200 litre)
Storz 65 - Aluminium	1022688 (2.5" hose)	1022642 (200 litre)	1022635	1038582 x 2	1038587 (2.5" hose)	1037573 (200 litre)
Storz C - Brass	1022685 (2" hose)	1022645 (400 litre)	1011237	1038582 x 2	1022682 (2" hose)	1022639 (400 litre)
Storz C - Aluminium	1022681 (2" hose)	1022644 (400 litre)	1022635	1038582 x 2	1022679 (2" hose)	1022639 (400 litre)
Storz 65 - Brass	1022691 (2.5" hose)	1022646 (400 litre)	1011237	1038582 x 2	1032745 (2.5" hose)	1037574 (400 litre)
Storz 65 - Aluminium	1022688 (2.5" hose)	1022702 (400 litre)	1022635	1038582 x 2	1038587 (2.5" hose)	1022640 (400 litre)

Foam Inductor Package - *self-inducing*



1036852 - Box for foam packages

Photo shows self-inducing branch pipe from Delta



Product description	Fire hose 25 m	Self inducing branch pipe	Foam canister 20 litre
Storz C - Brass	1022685 (2" hose)	1062887 (200 litre) with ball valve (ABS)	1038582 x 2
Storz C - Aluminium	1022681 (2" hose)	1062880 (200 litre) without ball valve (ABS)	1038582 x 2
Storz 65 - Brass	1022691 (2.5" hose)	1062883 (200 litre) without ball valve (ABS)	1038582 x 2
Storz 65 - Aluminium	1022688 (2.5" hose)	1062889 (200 litre) with ball valve (ABS)	1038582 x 2
Storz C - Brass	1022685 (2" hose)	1038429 (400 litre) without ball valve (Delta)	1038582 x 2
Storz C - Aluminium	1022681 (2" hose)	1022712 (400 litre) without ball valve (Delta)	1038582 x 2
Storz 65 - Brass	1022691 (2.5" hose)	1037577 (400 litre) without ball valve (Delta)	1038582 x 2
Storz 65 - Aluminium	1022688 (2.5" hose)	1037578 (400 litre) without ball valve (Delta)	1038582 x 2
Storz C - Brass	1022685 (2" hose)	1038429 (400 litre) HV450, with ball valve (Delta)	1038582 x 2

Standard Fire Hose with Storz Couplings

- 100% synthetic yarn (outer material), synthetic rubber (liner)
- Diameter: 1.5" - 2.5"
- Color: white
- Other lengths and couplings



Due to new regulations 2.5"
no longer holds MED approval



VARIANTS

1022680	Fire hose, standard 2", 15 m, Storz C aluminium
1022683	Fire hose, standard 2", 15 m, Storz C brass
1021188	Fire hose, standard 2", 20 m Storz C aluminium
1022684	Fire hose, standard 2", 20 m, Storz C brass
1022681	Fire hose, standard 2", 25 m, Storz C aluminium
1022685	Fire hose, standard 2", 25 m, Storz C brass
1022689	Fire hose, standard 2.5", 15 m, Storz 65 brass
1022690	Fire hose, standard 2.5", 20 m, Storz 65 brass
1022691	Fire hose, standard 2.5", 25 m, Storz 65 brass

RELATED PRODUCTS

1038295	Fire hose, standard 2", 60 m without couplings
---------	------------------------------------------------

Jet Spray Nozzle

- Body of Polyoxymethylene (POM)
- Operating head of rubber (NBR)
- Corrosion and high impact resistant
- Inlet connection: 2" BSP male thread
- Delivered with various types of adaptors on request
- AWG and Navutec brands available

ITEM NO: -



VARIANTS

1042278	Jet/spray nozzle, 12 mm without adaptor, Yibei
1050704	Jet/spray nozzle, 12 mm without adaptor, AWG
1042280	Jet/spray nozzle, 16 mm without adaptor, Yibei
1050702	Jet/spray nozzle, 16 mm without adaptor, AWG
1042283	Jet/spray nozzle, 19 mm without adaptor, Yibei
1045125	Jet/spray nozzle, 20 mm without adaptor, AWG

RELATED PRODUCTS

1021188	Fire hose, standard, 2", 20 m, Storz C aluminium
---------	--------------------------------------------------

Heavy Duty Fire Hose with Storz Couplings

- Synthetic Polydur
- High resistance to acids, salt solutions, oil and fuel
- Diameter: 1.5-2.5"
- Color: Red
- Other lengths and couplings available upon request



VARIANTS

1032874	Fire hose, Polydur 1.5", 15 m Storz C brass
1032875	Fire hose, Polydur 1.5", 20 m Storz C brass
1025076	Fire hose, Polydur 2", 15 m, Storz C brass
1025077	Fire hose, Polydur 2", 20 m, Storz C brass
1025078	Fire hose, Polydur 2", 25 m, Storz C brass
1025079	Fire hose, Polydur 2.5", 15 m, Storz 65 brass
1025080	Fire hose, Polydur 2.5", 20 m, Storz 65 brass
1025081	Fire hose, Polydur 2.5", 25 m, Storz 65 brass

RELATED PRODUCTS

1025417	Fire hose, Polydur 2", 60 m without couplings
---------	-----------------------------------------------

Turbo Nozzle

- Flowrate: 130/235/400 L/Min
- Throw dist. Full jet: 26-32-40 m
- Throw dist. Spray jet: 11-14-16 m
- Easy to operate
- Complete with Storz C aluminium adaptor
- Weight: 2.4 kg
- MED approval

ITEM NO.: 1062916



VARIANTS

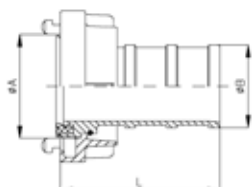
1011224	Turbo nozzle, Awg 2130, Storz-C aluminium
1031253	Turbo nozzle, Awg 2235, Storz-C brass
1031255	Turbo nozzle, Awg 2235, Storz-65 brass

Storz

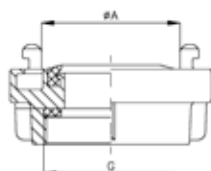
Couplings and Adaptors

On the following pages you will find a selection of the most popular couplings. Other sizes are available upon request.

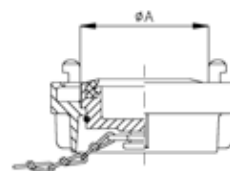
VIKING supplies all common international couplings and its accessories, e.g. sealing rings and coupling spanners.



Suction Hose Coupling



Adaptor



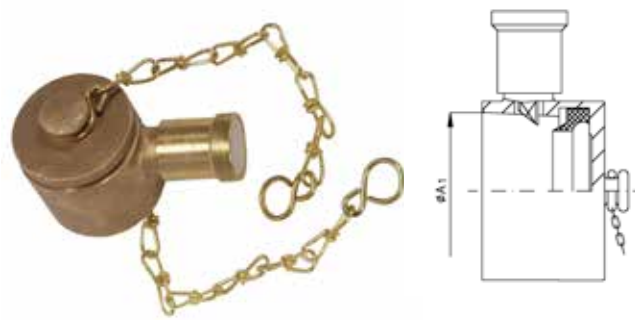
Blank Cap with Chain

Suction hose coupling	Size / material	A (mm)	B (mm)	L (mm)
1038389	38 / aluminium	51	38	90
1038390	38 / brass	51	38	90
1025088	C-52 / aluminium	66	52	90
1025089	C-52 / brass	66	52	90
1025090	65 / aluminium	81	65	90
1025096	65 / brass	81	65	90
Adaptors	Size / material	A (mm)	G (inch BSP, female)	
1030415	38 / aluminium	51	2"	
1032435	38 / brass	51	2"	
1025097	C-52 / aluminium	66	2"	
1025098	C-52 / brass	66	2"	
1025099	65 / aluminium	81	2"	
1025100	65 / brass	81	2"	
1047856	65 / aluminium	81	2 ½"	
1033837	65 / brass	81	2 ½"	
Blank caps with chain	Size / material	A (mm)		
1047842	38 / aluminium	51		
1038567	38 / brass	51		
1025101	C-52 / aluminium	66		
1025102	C-52 / brass	66		
1025103	65 / aluminium	81		
1025104	65 / brass	81		
Sealing rings	Size			
1047872	C-52			
1047873	65			

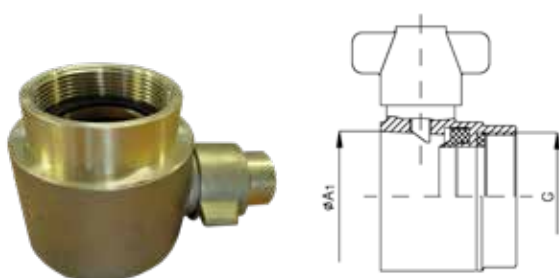
UK - Instantaneous



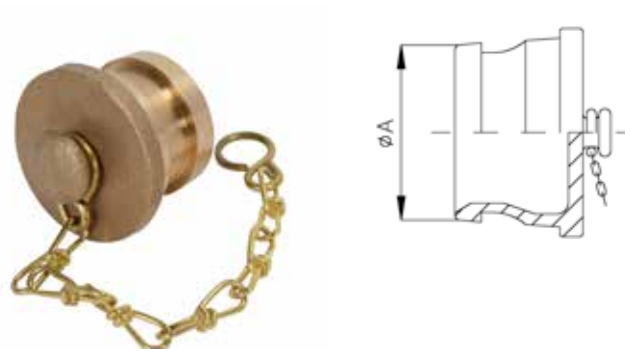
Delivery Hose Coupling



Blank Cap with Chain, Female



Adaptor



Blank Cap with Chain, Male

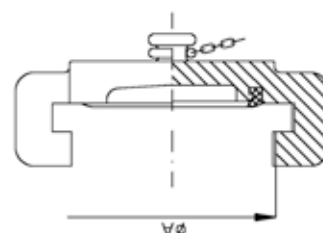
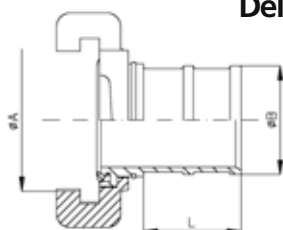
Delivery hose coupling	Size	A (mm)	A1 (mm)	B (mm)	L (mm)
1047877	DN 2 ½" / brass	71	74.8	52	70
1047878	DN 2 ½" / brass	71	74.8	64	70
Adaptors	Size	A1 (mm)	G (inch BSP, female)		
1045202	DN 1 ½" / brass	48	2"		
1047884	DN 2 ½" / brass	74.8	2"		
Blank caps with chain (female)	Size	A (mm)			
1045201	DN 2 ½" / brass	71			
Blank caps with chain (male)	Size	A (mm)			
1047879	DN 2 ½" / brass	71			
Sealing rings	Size				
1047885	DN 2 ½"				

Nakajima

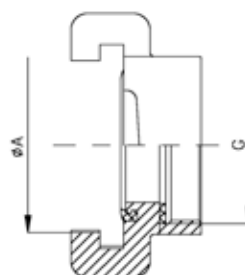
Blank Cap with Chain



Delivery Hose Couplings



Adaptor



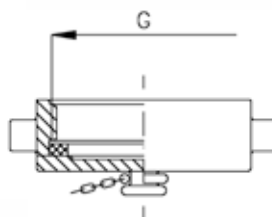
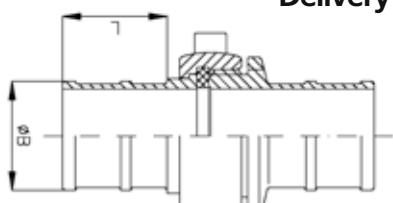
Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047923	DN 40 / brass	61	38	45
1047710	DN 50 / brass	74	52	55
1047925	DN 65 / brass	92	38	58
1047926	DN 65 / brass	92	52	58
1047927	DN 65 / brass	92	64	58
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1047930	DN 40 / brass	61	1 ½"	
1045235	DN 40 / brass	61	2"	
1045236	DN 50 / brass	74	2"	
1047931	DN 65 / brass	92	2"	
1047932	DN 65 / brass	92	2 ½"	
Blank caps with chain	Size	A (mm)		
1045234	DN 40 / brass	61		
1047928	DN 50 / brass	74		
1047929	DN 65 / brass	92		
Sealing rings	Size			
1047933	DN 40 / brass			
1047934	DN 50 / brass			
1047935	DN 65 / brass			

US - Standard

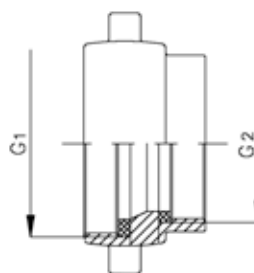
Blank Cap with Chain



Delivery Hose Coupling



Adaptor



Delivery hose coupling	Size	B (mm)	L (mm)
1047894	DN 1 ½" / brass	38	60
1047895	DN 2 ½" / brass	52	60
1047897	DN 2 ½" / brass	64	80
Adaptors (female x female)	G1 (inch) NH	G (inch BSP, female)	
1047899	DN 1 ½" / brass	2"	
1047900	DN 2 ½" / brass	2"	
Blank caps with chain	Size	G (inch)	
1045208	DN 1 ½" / brass	1 ½"	
1047898	DN 2 ½" / brass	2 ½"	
Sealing rings	Size		
1047946	DN 1 ½" / brass		
1047945	DN 2 ½" / brass		

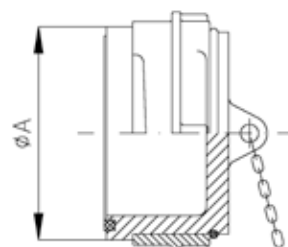
VIKING offers a complete range of country specific couplings, adaptors and blank caps.

Guillemin

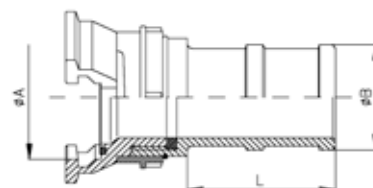
Adaptor



Blank Cap with Chain



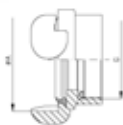
Delivery Hose Coupling



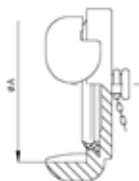
Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047901	DN 40 / brass	55	44	64
1045300	DN 50 / brass	69	50	45
1047903	DN 65 / brass	84	64	70
1047904	DN 65 / brass	84	70	70
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1047908	DN 40 / brass	55	1 1/2"	
1055552	DN 40 / brass	55	2"	
1045223	DN 50 / brass	69	2"	
1047907	DN 65 / brass	84	2"	
1047909	DN 65 / brass	84	2 1/2"	
Blank caps with chain	Size	A (mm)		
1045219	DN 40 / brass	55		
1045220	DN 50 / brass	69		
1047905	DN 65 / brass	84		
Sealing rings	Size			
1047947	DN 40 / brass			
1047910	DN 65 / brass			

Barcelona

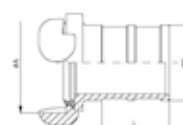
Adaptor



Delivery Hose Coupling



Delivery Hose Coupling



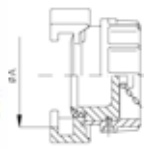
Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047936	DN 45 / brass	62	38	46
1047937	DN 70 / brass	85	64	54
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1045247	DN 45 / brass	62	2"	
1045248	DN 70 / brass	85	2"	
Blank caps with chain	Size	A (mm)		
1045249	DN 45 / brass	62		
Sealing rings	Size			
1047938	DN 45 / brass			

NOR

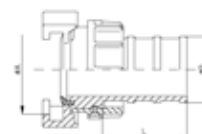
Adaptor



Blank Cap with Chain



Delivery Hose Coupling



Delivery hose coupling	Size	A (mm)	B (mm)	L (mm)
1047911	DN 1 ½" / brass	50	38	60
1047913	DN 2" / brass	66	52	60
1047912	DN 2 ½" / brass	83	68	60
1047914	DN 2 ½" / brass	83	64	60
Adaptors	Size	A1 (mm)	G (inch BSP, female)	
1047917	DN 1 ½" / brass	50	DN 1 ½"	
1047919	DN 2" / brass	66	DN 2"	
1047920	DN 2 ½" / brass	83	DN 2"	
Blank caps with chain	Size	A (mm)		
1045228	DN 1 ½" / brass	50		
1047915	DN 2" / brass	66		
1047916	DN 2 ½" / brass	83		
Sealing rings	Size			
1045231	DN 1 ½" / brass			
1047921	DN 2" / brass			
1047922	DN 2 ½" / brass			



Chemical and Gas Detection



Trelchem® Light type TR chemical suit

- High quality chemical suit with an extensive track record
- Complies with EN943-1, EN 14126, and EN1149-5
- Non-encapsulating suit with face-seal and rear entry (type 1B)
- Gloves fitted with Trelchem® Bayonet glove rings system
- Fitted with PVC safety boot
- Mask and SCBA set delivered separately
- SCBA is worn outside the suit
- The suit is also available in an encapsulated version (CV or VP1)

ITEM NO.: 1070837

VARIANTS

1070838	Trelchem® Light TR chemical suit, size XL
---------	-------------------------------------------

Chemical Boiler Suit, light duty

- One-piece protective suit watertight and spray resistant
- Three-layered yellow polyethylene film
- Ergonomic design
- Supplied without mask, gloves and boots
- Color: Yellow, size: L (other sizes available)



ITEM NO.: 1066815

Approved according to EN466:1995 and EN465:1995

VARIANTS

- | | |
|----------------|---------------------------------------|
| 1066816 | Chemical Boiler Suit, light duty, XL |
| 1066817 | Chemical Boiler Suit, light duty, XXL |

RELATED PRODUCTS

- | | |
|----------------|-------------------------------------------|
| 1042990 | Chemical protective boots, size 45 |
| 1062356 | Chemical protective gloves, size L |
| 1065986 | Chemical protective goggles |
| 1065256 | Chemical protective face shield |
| 1048016 | Chemical protective safety helmet, yellow |
| 1042950 | Chemical protective apron |

Chemical Protective Boots

- Excellent resistance to acids, oil and fuel
- Antistatic
- With safety toe cap and anti-perforation mid-sole
- Size: 45
- Other sizes are available upon request



ITEM NO.: 1042990

Approved according to EN20345 S5

Chemical Protective Gloves

- Acid-proof nitrite gloves
- Length: 33 cm
- Size: L

ITEM NO.: 1062356

Approved according to EN388 and EN374



VARIANTS

- | | |
|----------------|----------------------------------------|
| 1062158 | Acid-proof gloves (XL) - length 33 cm |
| 1062159 | Acid-proof gloves (XXL) - length 33 cm |

Chemical Protective Goggles

- Multipurpose goggles with soft PVC
- Protect against liquids, coarse dust and mechanical risks

ITEM NO.: 1065986

Approved according to EN166



Chemical Resistant Safety Helmet

- With 6-point terylene harness and sweatband
- Color: Yellow

ITEM NO.: 1048016

Approved according to EN397



RELATED PRODUCTS

1065256 Chemical protective face shield

Oil Spill Response Kit

- According to IMO A535/13 and OPA of 1990, Section 4202
- 7 barrel - 1100 L
- Stored in watertight GRP lockable box
- Dimensions: L 114 x W 70 x H 82 cm
- Spare parts available upon request

ITEM NO.: 1046404



VARIANTS

1049464 Oil spill response kit according to USCG, 7 barrel (1100 L)
1049465 Oil spill response kit according to USCG, 12 barrel (1900 L)

Multi-Gas Detector with Integrated Pump

- Martek Marine-4
- Measures LEL for vapor and combustible gases, O₂, CO and H₂S
- Integral sampling pump and 3 m hose for pre-entry test
- Dimensions: 121 x 59 x 32 mm

ITEM NO.: 1061615

Complies with SOLAS regulation XI-1/7.
Approved according to MED and ATEX IIC



VARIANTS

1052356 Dräger X-AM 5000 EX, O₂, CO, H₂S
1054730 Dräger X-AM 2500 EX, O₂, CO, H₂S (8323918), incl. battery and charger

RELATED PRODUCTS

1061616 Calibration unit for 1061615
1061617 Calibration gas, Marine-4
1061618 Demand flow regulator
1061619 25 M tube for Marine-4

Wall Mounted Electrical Risk Rescue kit

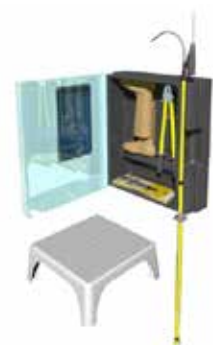
Electrical safety kit for 24 KV model CATU CZ54-R

Contents of kit:

- Cabinet with transparent door with instructions
- Insulated platform, gloves and boots
- Telescopic stick with rescue hook
- Voltage detector with flexible antenna fixed on hook
- Dimensions: 84 x 745 x 27 cm
- Weight: 21 kg

ITEM NO.: 1040509

Complies with IEC standards



VARIANTS

- Electrical safety kit 36 kV model CZ-55R

RELATED PRODUCTS

1026423 Electrical insulated gloves
1029128 Electrical rescue stick

Eyewash Station

- Hughes STD-45 G
- Other models are available upon request

ITEM NO.: 1023833



RELATED PRODUCTS	
1021970	Safety shower and eyewash station (indoor)
1023828	Safety shower and eyewash station (outdoor)

Eyewash

- Dimension: 290 x 230 x 80 mm
- Content: 2 x 500 ml (NaCl - solution)
- Accessories: mirror, bracket

ITEM NO.: 1042967



VARIANTS	
1042964	Eyewash liquid without holder, 1 x 500 ml
1057437	Eyewash liquid with holder, 1 x 500 ml
RELATED PRODUCTS	
1021970	Safety shower and eyewash station (indoor)
1023833	Eyewash station

Safety Shower and Eyewash Station (Indoor)

- Hughes EXP-18 G/45 G
- Other models are available upon request

ITEM NO.: 1021970



RELATED PRODUCTS	
1023833	Eyewash station

Tank Shower with 1200 Litre Tank

- Shower activated by the panic bar or foot panel
- Several material and color options
- Available in several sizes
- Optional heated polar version
- Weight: 320 kg (standard version, without water)
- Dimensions:
H 353 x W 150 x D 137 cm

ITEM NO.:1031691



RELATED PRODUCTS	
-	Contact your local VIKING representative



Medical equipment

Basket Stretcher, Spencer Shell

- Rigid one piece stretcher
- Includes 4 restraining belts and a foot rest
- Lifting bridles (1008915) must be ordered separately
- Weight: 13.5 kg
- Dimensions: W 2150 x D 185 x L 2070 mm

ITEM NO.: 1008912



Must be ordered separately

VARIANTS	
1008910	Twin shell basket stretcher
RELATED PRODUCTS	
1008915	Lifting bridles for basket stretcher
1008913	Storage carrying bag for Spencer Shell
1008911	Storage carrying bag for Spencer Shell Twin Shell
1008914	Floating device for basket stretcher
1029757	Restraint belt for stretcher
1031026	Cabinet for basket stretcher or spine board

Spencer TOTAL Recovery Stretcher

- Strong, versatile and compact rescue stretcher
- Made of robust and durable plastic with thermal treatment
- Suitable for rescue from cramped environments
- Delivered in transport bag

ITEM NO.: 1026236



VARIANTS	
1020724	Neil Robertson stretcher (UK version)

Spine Board Stretcher

- Immobilising stretcher
- Model: B-bak pin
- Made of high density completely recyclable polyethylene
- X-Ray compatible
- Weight: 6.5 kg
- Maximum load capacity: 180 kg
- Dimensions:
W 41 x D 5 x L 184 cm

ITEM NO.: 1027587



VARIANTS

1008916 Spine board stretcher (Model: Rock), floatable

RELATED PRODUCTS

1008917 Rock straps, immobilizing system for Spencer spine boards

1008919 Head immobilizer Super Blue, Spencer

1031026 Cabinet for basket stretcher or spine board

Scoop Stretcher

- Enables gentle maneuvering of the patient on to the stretcher
- Adjustable to different lengths
- Made of aluminium
- With three fixation belts with quick release buckle
- Weight: 9.5 kg
- Dimensions:
W 435 x D 65 x L 1200 mm (folded)

ITEM NO.: 1020725



RELATED PRODUCTS

1008919 Head immobiliser

Paraguard Stretcher

- Immobilising stretcher
- Compact for versatility (foldable and can be packed into a bag)
- Can be used for helicopter rescue with lifting eyes and the optional lifting harness
- Weight: 14 kg
- Dimensions: W 320 x D 210 x L 1000 mm (folded)

ITEM NO.: 1020716



RELATED PRODUCTS

1020727 Lifting harness for paraguard stretcher

Defibrillator (AED), LIFEFORCE™

- Battery life typically 5 years
- Battery and pads replaced by user
- Easy to use audio and visual instructions
- 8 year warranty

ITEM NO.: 1057868

Type approved by GL



RELATED PRODUCTS

1034905 Battery pack for LifeForce™ defibrillator

1034908 Defibrillator pad package

Portable Oxygen Respirator according to MFAG

- 2 x oxygen cylinders light metal, filled
- Volume: 2 L
- Pressure: 200 bar
- Content per cylinder: 400 L
- Incl. oxygen masks, a pressure reducer (4 L/min) and a pressure reducer
- Carrying bag included

ITEM NO.: 1043508



VARIANTS	
1025082	Resuscitator pack, 1 x 2 L oxygen cylinder, empty
1010759	Spare oxygen cylinder for 1025082, 2 L, empty
RELATED PRODUCTS	
1043510	Spare oxygen cylinder
1043508	Filled 2 L/200 bar

SOLAS First Aid Kit I & Kit II

- Complete medical outfitting for lifeboats
- Both Kit I (1056105: medication only) and Kit II (1056106: equipment only) required to be fully compliant

ITEM NO.: 1056105 (KIT I), 1056106 (KIT II)

SOLAS and Lloyd's Register approved



First Aid Kit

Contains first aid plaster, ethyl chloride spray, optrex eye lotion, opto-pharm sterile wash, bandages, dressings, gloves, antiseptic, safety pins, first aid at work leaflet, instant ice pack disposable, chalk, pencil and notebook, tourniquet, CPR resuscitation mask, forcep, sterile gauze, adhesive tape.

ITEM NO.: 1050632



First Aid Kit

- For use in workplaces with 1-50 persons.
An extra kit is needed for each additional 50 persons
- Includes wall bracket

ITEM NO.: 1061019

Compliant to HSE 1981



VARIANTS	
1043822	First aid kit DIN13157 incl. bracket



Communication

SART

- ACR Pathfinder™ Pro
- Compact size
- Replaceable battery with a 5 year life span, non hazardous
- 96 hour stand-by and over 12 hours operational life
- Waterproof up to 10 metres (33 ft)

ITEM NO.: 1063885



VARIANTS	
1010606	SevenStar S.701-L/R SART for use in liferafts
1050965	ACR Pathfinder™ 3, 2714NH, SART (non-hazardous)
1010607	SevenStar S.701-C/O SART incl. bracket
RELATED PRODUCTS	
1010609	Battery for SART 1010606 and 1010607

ACR GlobalFix™ GPS EPIRB, Float Free

- Professional grade GMDSS Cat-1 406 EPIRB
- Powerful 6.4 watt 406 MHz frequency
- 66 Channel GPS for pinpointing position
- Includes category 1 sea shelter
- Hydrostatic release (ACR HRU)
- 6 year battery life
- 5 year warranty on EPIRB (2 year on HRU)
- Requires programming with MMSI#

ITEM NO.: 1038878



VARIANTS	
-	ACR GlobalFix™ GPS EPIRB, with mounting bracket
1023438	GME MT403, manual and water activated
1023439	GME MT403G with GPS, manual and water activated
1033250	GME MT403, manual and water activated, with float free function

VCH and UHF Handheld Radios

- Both ATEX (IIC and IIA) and IECEX approved
- Robust and durable construction
- IP68 rated (submersible)
- With or without display
- Wide range of accessories available

ITEM NO.: -



**Intrinsically
safe**

VARIANTS

1065133	RADIO, UHF, ATEX, ENTEL - HT-882
1057897	RADIO, UHF, ATEX, ENTEL - HT-883
1057898	RADIO, VHF, ATEX, ENTEL - HT-844
1057640	RADIO, VHF, ATEX, ENTEL - HT-944
1054412	RADIO, UHF, ATEX, ENTEL - HT-983

VHF Handheld Radio

- 21 channel survival radio
- Model SR203 (ACR #2827) for emergency use only
- Delivered with non-replaceable lithium battery
- Marine grade high impact case
- High contrast/backlit digital display and keypad
- Battery life of over 16 hours continuous operation
- 5 year battery life

ITEM NO.: 1029676



VARIANTS

1052710	VHF SR203 (2828) handheld survival radio with rechargeable battery kit, every day and emergency use
---------	-----------------------------------------------------------------------------------------------------

RELATED PRODUCTS

1029531	Spare lithium battery (ACR #1061) for SR203 (2827)
1057322	Spare lithium battery, rechargeable (ACR #1062) for SR203 (2828)

VIKING MSLD – S, STANDARD

- AIS transmission for position plotting
- Transmission for homing: 121.5MHz
- >12 hours transmission
- Battery life time: 5 years

ITEM NO.: 1063352

Approved for helicopter transport



VARIANTS

1063354	VIKING MSLD-X, Standard (ATEX approved)
---------	-----------------------------------------

VIKING MSLD – X, ATEX

- AIS transmission for position plotting
- Transmission for homing: 121.5MHz
- >12 hours transmission
- Battery life time: 5 years
- ATEX approved

ITEM NO.: 1063354

ATEX approved





Lifebuoys, ladders and accessories

Lifebuoy Package, 2.5 kg



PRODUCTS

1061080	Lifebuoy 2.5 kg CAN-SB
1022625	Lifebuoy bracket Y-style, 75 cm S5316
1056398	Lifebuoy light, L170 commercial, MED/SOL
1022628	Floating line for lifebuoy 30 m

Lifebuoy Package, 4.5 kg



PRODUCTS

1069071	Lifebuoy 4.5 kg CAN-SB
1038349	Quick release for MOB system, stainless steel
1008636	Light and smoke signal (MOB) with bracket (Comet)
1037568	Lifebuoy, remote release system HM-600

Lifebuoy, 2.5 kg CAN-SB

- Outer diameter: 75 cm
- With reflective tape and grap line
- Optional: marking with vessel name and home port

ITEM NO.: 1061080



VARIANTS

1070615	Lifebuoy, 2.5 kg. Martek, with RMRS (form 6.5.30)
1043195	Lifebuoy, 2.5 kg. Datrex, USCG approved

RELATED PRODUCTS

1022628	Floating line for lifebuoy, 30m
1069043	Lifebuoy in plastic tube, 30 m, SOLAS approved
1056398	Lifebuoy light, L170 commercial, MED/SOL
1008636	Light and smoke signal (MOB) with bracket (Comet)
1038349	Quick release for lifebuoys, stainless steel
1037568	Lifebuoy, remote release system HM-600

Lifebuoy, 4.0 kg CAN-SB

- Outer diameter: 75 cm
- With reflective tape and grap line
- Optional: marking with vessel name and home port

ITEM NO.: 1069071



VARIANTS

1070615	Lifebuoy, 4.5 kg Martek, with RMRS (form 6.5.30)
1043195	Lifebuoy, 4.5 kg. Datrex, USCG approved

RELATED PRODUCTS

1022628	Floating line for lifebuoy, 30m
1069043	Lifebuoy in plastic tube, 30 m, SOLAS approved
1056398	Lifebuoy light, L170 commercial, MED/SOL
1008636	Light and smoke signal (MOB) with bracket (Comet)
1038349	Quick release for lifebuoys, stainless steel
1037568	Lifebuoy, remote release system HM-600

Quick Release for MOB System

- Stainless steel
- Quick release case

ITEM NO.: 1038349



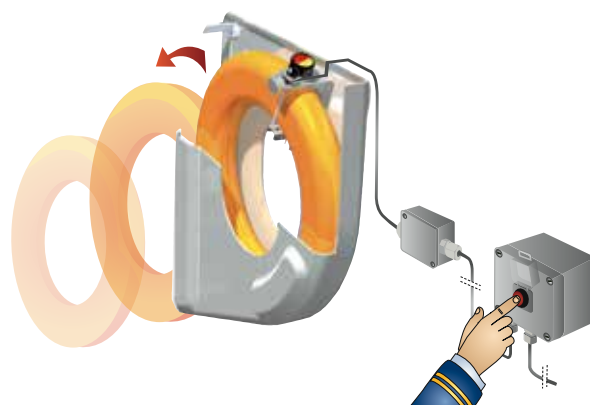
VARIANTS

1043428	Quick release, material GRP
1043429	Mounting set for GRP quick release

Lifebuoy Remote Release System

- Safe and fast operation
- Electric activation from the bridge
- One complete package
- Easy and quick installation
- Economical solution
- Weight: 18 kg
- Dimensions GRP holder: H 95.8 x W 78 x D 19 cm

ITEM NO.: 1037568



RELATED PRODUCTS

1038969	Replacement kit lifebuoy system, HM-0630
1023245	Replacement kit lifebuoy system, HM-0406



Lights and Signals

Lifejacket Light Daniamant W4-A

- Water and manually activated
- Uses Alkaline batteries
- Can be used in both recessed and clip to strap

ITEM NO.: 1061461

Approved according to USCG



VARIANTS	
1070497	Clips for lifejacket light Daniamant W4/M4 (1061461)
1067446	Lifejacket light, Danimant M4-A (manually activated)

Lifejacket Light 6-EX

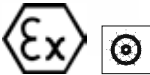
- Lightweight, compact and robust flashing light with mounting clip
- Manually activated

ITEM NO.: 1065044

Approved according to SOLAS/MED, USCG and ATEX



Intrinsically safe



WOLF LITE Handlamp

- Wolf Lite model number H-4DCA
- Explosive gas, vapour and mist certified for zones 1 & 2, up to T4 temperature class
- Dust ignition protected for zones 21 and 22, for dusts with ignition temperatures over 135°C
- Ingress protection to IP66
- CE marked to ATEX Directive
- Lloyd's Register Type Approved
- Uses 4 x R20 batteries
- Delivered without batteries
- Weight: 1.45 kg (incl. batteries)
- Dimensions: L 18.5 x Head 13 x Housing 4 cm



ITEM NO.: 1022891

ATEX 94/9/EC Directive Compliant

VARIANTS	
1004204	Torch light, Little Ed rechargeable, incl. batteries
1058219	Torch light
RELATED PRODUCTS	
1004258	Battery size R20 (pack of 2)

Torch Light

- Explosion proof
- Bright Star 2217
- Weight w/o batteries 130 g
- Uses 2D Cell batteries

ITEM NO.: 1045900

Bottom line under the item number:
ATEX approved for use in hazardous locations zone 0



VARIANTS	
1039701	Angled torch light
RELATED PRODUCTS	
1048367	Battery LR20 Alkaline

Angled Torch Light

- Little Ed™
- Explosion proof
- 4 x AA alkaline batteries
- Weight: 200 g (without batteries)
- Dimensions: L 19.1 x D 8.9 cm

ITEM NO.: 1039701

ATEX approved for use in hazardous locations zone 0



VARIANTS	
1004204	Little Ed™ rechargeable, incl. batteries
1022891	Wolf Lite handlamp H-4DCA (uses 4 x D cell batteries - 1004258)
RELATED PRODUCTS	
1002369	Battery AA, 1.5 volt (pack 1) for light 1039701

LED Torch Light

- Peli 3715
- Rechargeable
- Explosion proof
- 4 x AA alkaline batteries
- Weight 170 g (without batteries)
- Dimensions: H 13.6 x W 8.3 x D 7 cm

ITEM NO.: 1054260

ATEX approved for use in hazardous locations category 2/Zone 0



VARIANTS	
1039701	Angled torch light
1004204	Little Ed™ rechargeable, incl. batteries

Lifebuoy Light Daniamant L170

- Small and compact lifebuoy light
- LED technology for enhancing reliability
- Drop height of 76 m

ITEM NO.: 1056398

MED/SOLAS approved



RELATED PRODUCTS	
1056399	Adaptor plate for Lifebuoy light L 170

Lifebuoy Light Daniamant L90

- Robust and reliable lifebuoy light
- Drop height of 60 m

ITEM NO.: 1001213



RELATED PRODUCTS	
1004258	Batteries for lifebuoy light L90
1003219	Bulb for lifebuoy light L90
1037632	Dome for lifebuoy light L90
1048302	Sealing ring for lifebuoy light L90

Explosion Proof Lifebuoy Light Daniamant, L161

- Intrinsically safe lifebuoy light for use in explosive environments
- Drop height of 76 m
- Five year storage life without maintenance

ITEM NO.: 1036721

MED, SOLAS, USCG, ATEX, IECEx and ETL approvals



VARIANTS	
1036947	Lifebuoy light L163, approved according to MED, ATEX, IECEx, UCSG and ETL listed
1036945	Lifebuoy light L160
1036722	Lifebuoy light L162
RELATED PRODUCTS	
1040741	Adaptor plate for lifebuoy light, L16x

Lifebuoy Light Tron SL-300

- Sealed, small and compact lifebuoy light
- Unbreakable high intensity LED

ITEM NO.: 1050552





Pyrotechnics

Due to the serious nature of pyrotechnic products, VIKING supplies exclusively recognized brands known for their reliability.

Single Shot Line-throwing Device

- 1 rocket
- 1 line
- Throwing range: 250 m
- Manufacturer: Comet

ITEM NO.: 1031187



VARIANTS	
1071848	Pneumatic Line Thrower PLT® SOLAS
RELATED PRODUCTS	
1002371	Replacement rocket for line-throwing device
1010635	Line-throwing device without rocket, Comet

Distress Signals

- Parachute rocket signal
- Smoke signal
- Handflare

ITEM NO.: -



VARIANTS	
1000320	Hand-flare
1000321	Parachute rocket signal
1000323	Smoke signal

Light Smoke Signal (MOB)

- Used with lifebuoys in MOB situations
- Includes lithium battery
- Burn time: 2 hours
- Light intensity: 2 candela
- Incl. mounting bracket
- Manufacturer: Comet

ITEM NO.: 1008636



Hassle-free Line Throwers for all applications

Pyrotechnics and traditional line throwers are notoriously difficult to transport and handle as they are classified as dangerous goods.

The PLT® Solas Pneumatic Line Thrower is the latest innovation in line-throwing safety, specially made to comply with IMO SOLAS 74/96 regulations. It takes up the same space as other pyrotechnical line throwers and weighs the same.

There are also other advantages: There's no expiry date, for example, it's not dangerous goods, it can be shipped by air and it has the same lifetime expectancy as a newly built vessel. Each time the PLT® air cylinder is filled, the air lasts for 5 years. And its fully MED B and type approved by DNV GL.

Ask your VIKING representative for a competitive quotation.



Purely SOLAS

Purely made for IMO SOLAS 74/96 with no expiry date.



From SOLAS to Anti-Piracy

Heavy duty multipurpose line thrower up to 250 meters. Complies with IMO SOLAS 74/96.



The Compact Line Thrower

Lightweight multipurpose line thrower up to 100 meters



Taking Concepts Further

Develops customized solutions for existing and new partners.

Restech Norway AS was established in 1989. We specialize in pneumatic line throwers that increase operational efficiency and safety.

Our line throwers are used for a wide range of applications around the world at sea and on land.



www.restech.no



Pneumatic Line Thrower PLT® Rescue 230

- Non-dangerous goods line thrower with MED approval
- No expiry date – same lifetime as the vessel
- Includes 5 projectiles and a loading device
- All items are re-usable and one suitable for on board training
- Upgrade packages can be supplied upon request
- Can be refilled on board with a standard 200 or 300 bar compressor

ITEM NO.: 1020222



RELATED PRODUCTS	
1038617	Storage container PLT Rescue 230
-	PLT® Anti-Piracy upgrade
1068091	PLT® 75 upgrade



Pneumatic Line Thrower PLT® Mini

- Lightweight shoulder-launched line thrower
- Operates 2 projectiles with an internal line, distance up to 100 meters
- Delivered with Mini-Rescue and Mini-Rubber projectiles
- Ideal for ship-to-ship operations, as well as mooring and towing operations
- 9 different projectiles can be used
- CO₂ cylinders included

ITEM NO.: 1022278



VARIANTS	
1057956	PLT® Mini without cylinders

Pneumatic Line Thrower PLT® 150

- Non-dangerous goods line thrower
- Includes 2 projectiles launching 140 meters
- Projectiles are re-usable and suitable for on board training
- Upgrade packages can be supplied upon request
- Can be refilled on board with a standard 200 or 300 bar compressor

ITEM NO.: 1029676



VARIANTS	
1038606	PLT® 75 for launching 90 meters
RELATED PRODUCTS	
1068091	PLT® 75 upgrade
-	PLT® SOLAS upgrade, complies with SOLAS 74
-	PLT® Anti-Piracy upgrade

Emergency equipment

Personnel Transfer Basket - SAFETRANSFER

- Safe, quick and cost-effective personnel transfer
- Enhance safety and confidence levels for personnel
- Lifespan of 30+ years
- Manufactured in the EU
- Available in arctic version down to - 50 dgr. C



VARIANTS

1020801	SAFETRANSFER, 4 person. standing version, 1145-4
1076884	SAFETRANSFER, 8 person. standing version, 1145-8
1075732	SAFETRANSFER, 4 person. arctic version, 1145-4-C

Personnel Transfer Basket - SAFETRANSFER, NORSOK

- NORSOK R-002:2017 approved
- Sit-down version, w. shock absorption in all seats
- Safe, quick and cost-effective personnel transfer
- Enhance safety and confidence levels for personnel
- Lifespan of 30+ years
- Manufactured in the EU
- Only available in 4 persons version



ITEM NO.: 1076892

SAFETRANSFER®

TYPE: 1145-4-N
100% NORSOK R-002:2017
APPROVED BY DNV GL

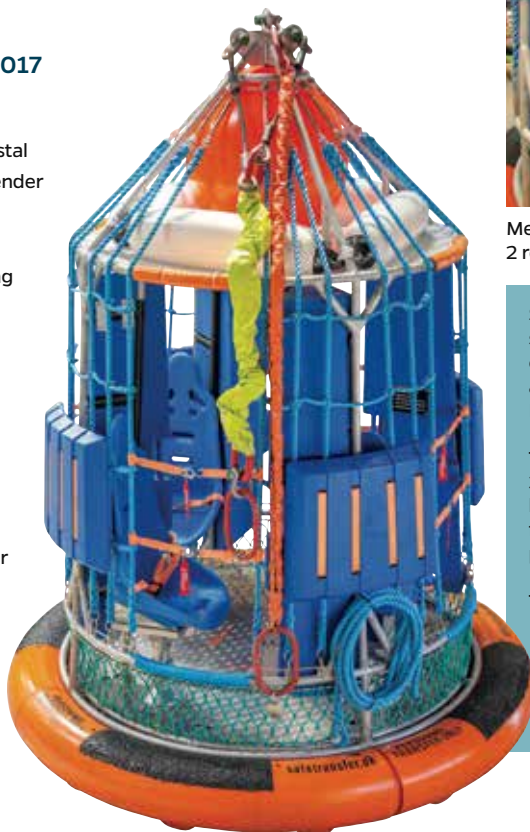
- Shock absorbing seat pedestal
- Shock absorbing bumper fender
- Self-righting in sea
- Upright floating
- 3rd. part certified lifting sling



Multiple attachment points for lifting sling and compensator



SAFE
TRANSFER®
OFFSHORE
PERSONNEL
BASKET



Medical Evacuation. 1 injured on stretcher.
2 rescuers on seat.

SAFE TRANSFER Personnel Basket is supplied as 4 and 8-persons, plus our new 4-person sit-down model approved according to NORSOK R-002:2017.

The steel structure is made of AISI 316 stainless steel, has a lifespan of at least 30 years, which is independent from the amount of lift, the basket performs.

The NORSOK approved basket 1145-4-N is the newest member of the SAFE TRANSFER basket family, which has its roots in 1985 when the first 4-person basket was sold. Known as "ESVAGT basket".

www.safetransfer.dk

FROG XT-4 Personnel Transfer Device

- Spring Mounted seats protecting passengers from up to 4.5 m vertical impact
- Robust stainless steel frame and buoyancy protect from lateral impacts
- Quick release harnesses allow fast evacuation and protect against falling
- Self-rights and floats in the water
- Weight: 500 kg (without personnel)
- Dimensions: W 266 cm, H 218 cm

ITEM NO.: FROG XT-4



VARIANTS	
1052206	6 person transfer device with MedEvac mode FROG-6
FROG-6 Arctic	Low temperature, 6 person transfer device with MedEvac mode
FROG-9	9 person transfer device
1040552	Toro personnel transfer device

Personnel Transfer Basket - Billy Pugh

- Fast and efficient transport of personnel
- Made of sturdy, durable aluminium skeleton protecting against falling objects and side impact
- Equipped with quick release safety lanyards to provide safety and give the rider confidence while in transit



VARIANTS	
1055575	Transfer Net, Billy Pugh X-870, 4 person
1032209	Transfer Net, Billy Pugh X-871, 4 person
1022975	Transfer Net, Billy Pugh X-871-6, 6 person
1038754	Transfer Basket, Billy Pugh X-904-4, 4 person
1051741	Transfer Basket, Billy Pugh X-904-6, 6 person
1060116	Transfer Basket, Billy Pugh X-904-8, 8 person

Dacon Rescue Frame

- Manual recovery system for FRC and smaller craft
- 5 year warranty
- No mandatory service intervals
- Compact storage in PVC cover
- Contains two rescue frames

VARIANTS	
1046015	Almost any dimension available, please contact us for a model that suits your needs



Donut Descent Device for Offshore

- Donut 15 m tape
- For direct evacuation to a throw-overboard liferaft
- Can be the last means of escape
- Weight: 2.6 kg
- Dimensions: H 300 x W 210 x D 140 mm

ITEM NO.: 1035292

Lloyd's Register Type Approval



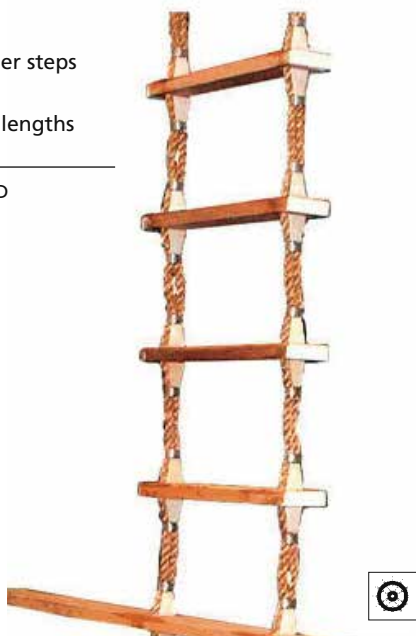
VARIANTS

1035292	Donut 15 metre tape - 50N/LES
1035293	Donut 32 metre tape - 100N/LES
1035294	Donut 46 metre tape - 150N/LES
1035295	Donut 65 metre tape - 200N/LES

Pilot Ladder

- Wooden steps, rubber steps and spreaders
- Available in various lengths

Approved according to MED



VARIANTS

1026210	Pilot ladder, 3 m
1026212	Pilot ladder, 5 m
1020995	Pilot ladder, 7 m
1010435	Pilot ladder, 9 m
1023812	Pilot ladder, 14 m
1023814	Pilot ladder, 18 m
1023815	Pilot ladder, 20 m

Tripod – MN10 MILLER Aluminium

- Suitable for evacuation of injured persons in confined spaces
- 2 anchorage points
- Self-locking fully adjustable legs with rubber
- Complete with 1 pulley
- Height 2.10 metre
- Max. working load 136 kg
- Weight: 15 kg
- Tripod supplied without winch



ITEM NO.: 1062924

VARIANTS

1066275	Tripod incl. winch with 30 m wire rope
---------	----------------------------------------

RELATED PRODUCTS

-	Miller Manhandler winch for tripod with 30 metre cable.
-	Miller Evac body splint kit
-	Miller Pulley kit complete
-	Miller bag for tripod

1062925	Winch with 30 metre galvanised cable for Tripod
---------	-------------------------------------------------

1062926	Evacuation body splint kit
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1062927	Pulley kit complete for Tripod
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1062928	Bag for Tripod Miller
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Embarkation Ladder

- Aluminium clamps, polyamid wedges and reinforced wooden steps
- Available in various lengths

Approved according to MED



VARIANTS

1026189	Embarkation ladder, 3 m
1026188	Embarkation ladder, 5 m
1026190	Embarkation ladder, 7 m
1022380	Embarkation ladder, 10 m
1020998	Embarkation ladder, 12 m
1026198	Embarkation ladder, 15 m
1026200	Embarkation ladder, 17 m
1026202	Embarkation ladder, 19 m
1026205	Embarkation ladder, 22 m

Cabinet for Fire Hose

- Material: GRP
- Color: Red
- Includes hanger for hose, spanner and nozzle
- Right side opening
- Dimensions: H 578 x W 563 x D 145 mm

ITEM NO.: 1071565



VARIANTS

1071564	Fire hose cabinet, left side open
1044985	Fire hose box, GRP for indoor use
1044982	Fire hose box, GRP for outdoor use
1011271	Fire hose cabinet, SOS11

RELATED PRODUCTS

1032877	Fire hose bracket w. nozzle holder for 1.5" collapsible hose
1032878	Fire hose bracket w. nozzle holder for 2" collapsible hose

Storage Box for Safety Equipment

- Material: Fibreglass
- Typically used for storing fireman's outfit
- For indoor use
- Dimensions: H 50 X W 100 D 50 cm

ITEM NO.: 1036851



VARIANTS

1036852	Storage box for foam inductor packages Dimensions: H 30 X W 100 X D 40 cm
1044993	Box for international shore connection

Safety Station Cabinet

- Green cabinet, RAL 6002 marked "Safety Equipment Cabinet" (1042532)
- 4 vacuum wrapped blankets (1032814)
- Scoop type stretcher (1020725)
- Basket type stretcher (1008912, 1008915)
- First aid kit (1022966)



ITEM NO.: 1031026



ITEM NO.: 1020725

Approved acc. to NORSOK S-001

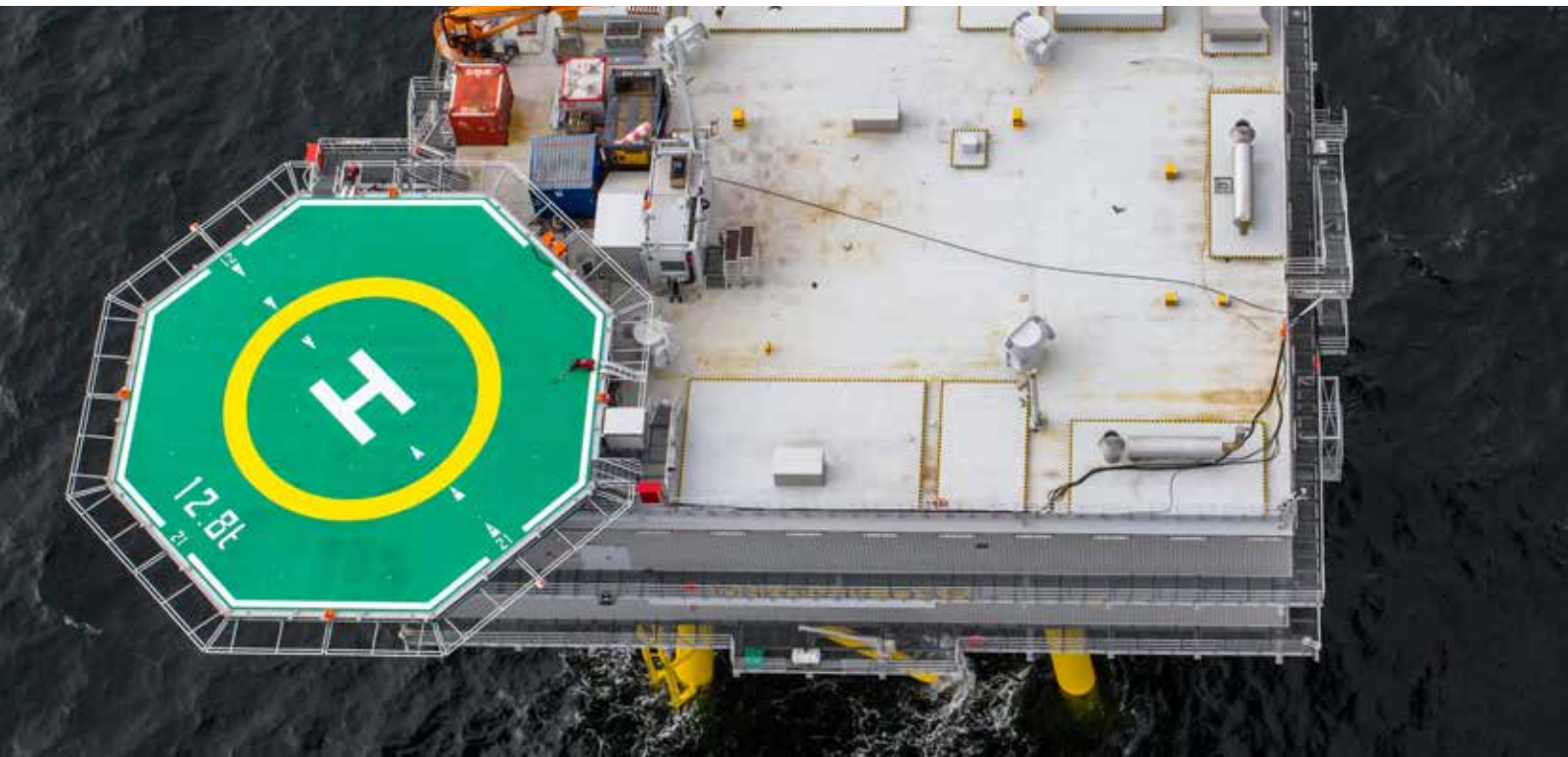
Offshore Personal Grab Bag

- For use on offshore installations and barges, typically stored in lockers or in accommodation areas
- Contains the following items:

1x1018685	VIKING Grab Bag
1x1024164	Escape Smoke Hood, Cogo
1xPV9320	Lifejacket, VIKING 1 SOLAS
1x1041072	Torch light, Bright Star 2317C ATEX
2x1004258	Torch light batteries
1x1017949	VIKING Fire Gloves (indicate sizes)
1x1001206	Light Stick

Items ordered separately





Helicopter safety equipment

Helicopter Crash Kit Box

- Model Jo Bird JB22H
- Dimensions: H 605 x W 935 x D 480 mm
- Weight: 16 kg
- IP56 rating

ITEM NO.: 1011273

Delivered acc. to regulation CAP437



VARIANTS	
1022948	JB08 Helicopter crash kit with contents (contact VIKING)
RELATED PRODUCTS	
10179XX	Firefighter gloves
1020796	Drilling machine 220V, with cable, EU plug

Helicopter Crash Kit Cabinet

- Model Jo Bird JB08
- Dimensions: H 1540 x W 915 x D 530 mm
- Weight: 33kg
- IP56 Rating

ITEM NO.: 1027526



RELATED PRODUCTS	
1011273	Helicopter crash kit box, type JB22H
1022948	Helicopter crash kit cabinet, type JB08, with contents (contact VIKING)



Helicopter safety kit equipment

VIKING can help you put together the right helicopter crash kit. The following is the most common helicopter crash kit equipment according to CAP 437 guidance on standards for offshore helicopter landing areas.

Special regulation in Norway with regards to Norwegian Oil and Gas Helideck Manual, section 3.1.9 as well as Regulation No. 1181 – Aviation Act of Civil Aviation Authority (CAA-N) # 41 recommends additional products to CAP 437.

HELICOPTER SAFETY EQUIPMENT



	Item no.	Description	CAP 437		
1	1022953	Adjustable wrench, 12"	Adjustable wrench	H1/H2	H3
2	1017940	Rescue axe, 90 cm	Rescue axe, large (non-wedge or aircraft type)	H1/H2	H3
3	1022954	Bolt cutter, 24"	Cutters, bolt	H1/H2	H3
4	1022956	Crowbar, 36"	Crowbar, large	H1/H2	H3
5	1024212	Wooden pole with brass hook, 1.8 m	Hook, grab or salving	H1/H2	H3
6	1022958	Hacksaw 12" with spare blades	Hacksaw (heavy duty) and six spare blades	H1/H2	H3
7	1009250	Fire blanket, 180 x 120 cm in PVC	Blanket, fire resistant	H1/H2	H3
8	1029873	Extendable ladder, 3 m	Ladder (two-piece)*	H1/H2	H3
9	1042277	Safety line with snap hook, 30 m	Lifeline (5 cm circumference x 15 m in length)	H1/H2	H3
10	1043083	Full harness with D-ring	Rescue harness for lifeline	H1/H2	H3
11	1022955	Pliers, side cutting (tin snips)	Pliers, side cutting (tin snips)	H1/H2	H3
12	1022957	Set of assorted screwdrivers, 6 pcs	Set of assorted screwdrivers	H1/H2	H3
13	1023825	Harness knife and sheath	Harness knife and sheaths	H1/H2	H3
14	10179xx	VIKING firefighter gloves	Gloves, fire resistant for each helideck crew member**	H1/H2	H3
15	1023827	Power cutting tool	Power cutting tool	-	H3
16	1056036	SCBA Sigma Type 2		Optional	
17	1045656	Cylinder for SCBA		Optional	
18	1023824	Large aircraft axe, Bristol	2 pcs according to Norwegian recommendation - Variant of 1017940	Norway	
19	1042597	Plate scissors		Norway	
20	1050682	Hammer with rubber grip		Norway	
21	1056436	Sledgehammer 4 pounds with rubber grip	Variant of 1020682	Norway	
22	1056295	Hydraulic bottle jack	Min 0.5 ton capacity	Norway	
23	1058219	Hand torch light, explosion proof	2 pcs according to Norwegian recommendation	Norway	
24	1056330	Hook in aluminium extendable to 3 m	Alternative	Norway	

* For access to casualties in an aircraft on its side.

** This equipment is required for each helideck crew member.



Cabinet for Fire Extinguisher

- Model Jo Bird JB01
- Cabinet for 6 kg or 9 kg fire extinguisher
- IP56 rated
- Weight: 10 kg
- Dimensions:
H 970 x W 470 x D 345 mm

ITEM NO.: 1026131

Lloyd's Register type test approval



VARIANTS

1026156	Cabinet for 5 kg CO ₂ extinguisher, H 1080 x W 440 x D 335 mm
1051164	Cabinet for 1 x 9 kg/L fire extinguisher, SOS101
1050694	Cabinet for 1 x 9-12 kg fire extinguisher, JB82
1049923	Cabinet for 2 x 5kg CO ₂ extinguisher, JB02

Cabinets

Storage Chest for Immersion Suits

- Model Jo Bird SOS502
- Typically stores up to 3 x PV9520 solid lifejackets or up to 3 immersion suits
- Weight: 8 kg
- Dimensions:
H 57 x W 65 x D 50 cm

ITEM NO.: 1031664



VARIANTS

1059957	Chest for 2 x PS2004 or 2 x PS2006, JB71
1050908	Chest for 6 x PS2004 or 7 x PS2006, JB72
1053600	Chest for 13 x PS2004 or 10 x PS2006, JB73
1037244	Chest for 20 x PS2004 or 15 x PS2006, JB75

Equipment Cabinet with Roller Shutter Closing

- Model Jo Bird RS300FE
- Stores 2 x firefighter outfits with SCBA's on hangers
- Made of 3-4 mm GRP
- Weight: 80 kg
- Dimensions:
H 2015 x W 1385 x D 460

ITEM NO.: 1011262

Lloyds Register type test approval



VARIANTS

1011250	Cabinet for 2 BA sets and firefighter clothing, JB08FE
1011282	Cabinet for 5 sets of firefighter clothing, JB18FE
1057773	Cabinet for 4 sets of firefighter clothing, JB17.600FE

Storage Cabinet for Fire Equipment or Lifejackets

- Model Jo Bird JB17FE
- Typically stores 2 sets of fire equipment or 70 x PV9308 inflatable lifejackets or similar models
- Made of fibreglass
- Various sizes and colors
- Weight: 50 kg
- Dimensions: H 2015 x W 1390 x D 460 mm

ITEM NO.: 1011253



VARIANTS

1031196	Storage cabinet for lifejackets For 60 x PV9308 inflatable lifejackets
---------	---------------------------------------------------------------------------

Stretcher Cabinet

- Model Jo Bird JB38
- For basket stretchers
- Made of fibreglass
- Weight: 32 kg
- Dimensions:
H 2347 x W 766 x D 282 mm

ITEM NO.: 1031026



RELATED PRODUCTS

1008912	Basket stretcher
1027587	Spine board stretcher
1008916	Spine board stretcher (Rock)
1020725	Scoop stretcher

Cabinet for 5 Fire Suits

- Jo Bird firefighter clothing cabinet, model Jo Bird JB18FE
- Optional colors and shelf configuration
- Weight: 50 kg
- Dimensions: H 1831 x W 1034 x D 785 mm

ITEM NO.: 1011282



VARIANTS

1011250	Cabinet for 2 BA sets and firefighter clothing, JB08FE
1011282	Cabinet for 5 sets of firefighter clothing, JB18FE
1057773	Cabinet for 4 sets of firefighter clothing, JB17.600FE

Emergency Equipment Cabinet

- Model Jo Bird JB20EE
- Without content
- Optional marking
- IP56 rated
- Weight: 40 kg
- Dimensions: H 1895 x W 790 x D 665 mm

ITEM NO.: 1026151



Chest for 13 Lifejackets
- Type PV9509

- Model Jo Bird SOS510
- Stackable to reduce cost, when transporting more than one box
- Can be moved with a fork lift
- Optional lettering
- Weight: 27.5 kg
- Dimensions: H 737 x W 1030 x D 982 mm

ITEM NO.: 1035517



VARIANTS	
1059957	Chest for 18 x PV9522, JB71
1053600	Chest for 68 x PV9522, JB73
1035444	Chest for 80 x PV9522, JB74
1037244	Chest for 108 x PV9522, JB75

JB28 for Fire Extinguishers or Fire Axes

- Model Jo Bird JB28
- IP56 rated
- Weight: 11 kg
- Dimensions:
H 1080 x W 438 x D 335 mm

ITEM NO.: 1026156

Lloyd's Register type test approval



RELATED PRODUCTS	
1017940	Long handled firefighter axe

Storage Cabinet For Self-contained
Breathing Apparatus

- Model Jo Bird JB13 BA
- Various colors
- IP56 rated
- Weight: 11 kg
- Dimensions:
H 935 x W 537 x D 365 mm

ITEM NO.: 1011250



VARIANTS	
1065368	Cabinet for EEBD Dräger.
1065170	Cabinet for EEBD, JB81
RELATED PRODUCTS	
1011286	Storage box for SCBA
1047705	Storage box for EEBD, JB12

Personal Equipment Cabinet

- Model Jo Bird JB62
- Optional marking
- H 350 x W 270 x D 150 mm
- Weight: 3 kg
- Dimensions: H 352 x W 272 x D 100 mm

ITEM NO.: 1011256

Lloyd's Register Type Approval





Everlux®

Maritime photoluminescent safety signs



FAST, DIRECT DELIVERY!

Need signage ASAP? No matter whether you're ordering for a large project or just need a few replacements, we ensure the fastest possible delivery.

Leading the way in onboard signage and low location lighting

High-quality products with expert advice

Competitively priced

Signs, posters or low location lighting – Everlux produces it all in superb quality. So whether you need a standard product or custom-made signage, there's an Everlux product to fit the bill.

Our products aren't just known for their quality and durability – they are also designed to comply with the most stringent regulations and are fully documented.

Ask us to help with planning

Signage is important – and it becomes even more crucial in an emergency. And the regulations can be more than a little complicated, too.

That's why it's necessary to plan positioning, installation and maintenance with the utmost care.

Through our exclusive partnership with Everlux, VIKING can help to ensure correct placement, optimizing safety aboard existing vessels or newbuilds. We'll make sure, for example, you can meet classification society requirements and remove the hassle.

Mandatory, hazard, safety, fire, first aid, IMO signs and escape route marking are compulsory for commercial vessels. They must be clear, visible and approved by the IMO.

Photoluminescent signs must provide a luminance of at least 15 mcd/m² measured 10 min after the removal of all external illuminating sources. In addition, the system must continue to provide luminance values greater than 2 mcd/m² for 60 min, when measured at the surface of the materials.

Photoluminescent signage must be capable of achieving the required luminance levels through ambient light levels at the place of installation.

Ⓢ Everlux® photoluminescent products are manufactured to the highest technical standards using state of the art equipment to offer the best available photoluminescent quality for safety signs.

These photoluminescent safety signs comply with IMO Resolutions, Solas Convention, ISO Standards, have type approval by Lloyd’s Register and are MED certified by DNV.

Multi-lingual signs, additional sizes and materials are available upon request.

Low Location Lighting

The spreading of smoke is one of the most dangerous consequences of a fire, making evacuation difficult and in some cases impossible. Under these conditions, visibility is reduced which can cause panic and increasing the evacuation time which is a critical factor in avoiding intoxication and injuries or fatalities.

The Ⓢ Everlux® Low Location Lighting (LLL) system is a unique system that allows all evacuation routes to stay illuminated, thereby communicating a clear, continuous and unambiguous “means of escape” message which leads to a safe place. The location of fire fighting equipment are also clearly marked as part of the system along the escape routes.

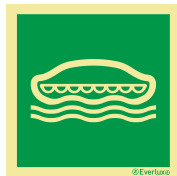
This LLL system is unique in providing consistent information throughout the escape route for a smoother and safer evacuation..

According to IMO Resolution A. 752 (18) all means of egress must be marked with Low Location Lighting system at all points of the evacuation route. The LLL system is also recommended by ISO Standards, namely ISO 15370.

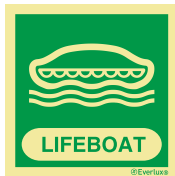
<div><p>Strips for wall marking at floor level</p><div></div><p>LLL strips for wall marking 1000 x 57 mm ITEM NO. S2101</p><div></div><p>LLL strips for wall marking with directional arrows 1000 x 57 mm ITEM NO. S2102</p><div></div><p>LLL strips for wall marking with upward arrows 1000 x 57 mm ITEM NO. S2103</p></div>	<div><p>Rolls for wall marking</p><div></div><p>Photoluminescent self-adhesive vinyl roll 10m x 57 mm ITEM NO. S2131</p><div></div><p>Photoluminescent self-adhesive vinyl roll 10m x 57 mm ITEM NO. S2132</p></div>	<div><p>System for floor and stairs marking</p><div></div><p>Non-slip self-adhesive LLL strips for floor marking 1000 x 57 mm ITEM NO. S2151</p><div></div><p>Non-slip self-adhesive LLL strips for floor marking with directional arrows 1000 x 57 mm ITEM NO. S2154</p></div>
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IMO Symbols

Self-adhesive - photoluminescent



Lifeboat
150 x 150 mm
ITEM NO. S0201



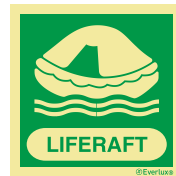
Lifeboat - large
300 x 300 mm
ITEM NO. S0251



Rescue boat
150 x 150 mm
ITEM NO. S0202



Liferaft
150 x 150 mm
ITEM NO. S0203



Liferaft - large
300 x 300 mm
ITEM NO. S0253



Davit-launched
liferaft
150 x 150 mm



Embarkation ladder
150 x 150 mm
ITEM NO. S0205



Evacuation slide
150 x 150 mm
ITEM NO. S0206



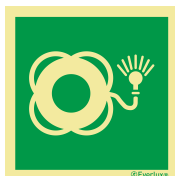
Evacuation slide - L
300 x 300 mm
ITEM NO. S0256



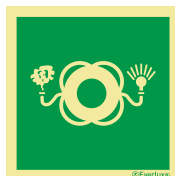
Lifebuoy
150 x 150 mm
ITEM NO. S0207



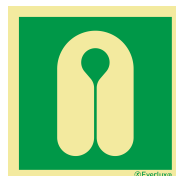
Lifebuoy with
line
150 x 150 mm



Lifebuoy with light
150 x 150 mm
ITEM NO. S0209



Lifebuoy light & smoke
150 x 150 mm
ITEM NO. S0210



Lifejacket
150 x 150 mm
ITEM NO. S0212



Child lifejacket
150 x 150 mm
ITEM NO. S0213



Immersion suit
150 x 150 mm
ITEM NO. S0215



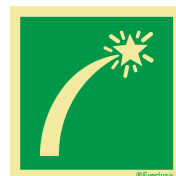
Survival craft portable
150 x 150 mm
ITEM NO. S0223



EPIRB
150 x 150 mm
ITEM NO. S0219



Radio transponder
150 x 150 mm
ITEM NO. S0220



Survival craft distress
150 x 150 mm
ITEM NO. S0218



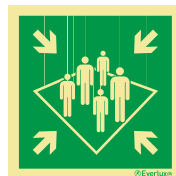
Rocket parachute flares
150 x 150 mm
ITEM NO. S0221



Line-throwing
appliance
150 x 150 mm
ITEM NO. S0222



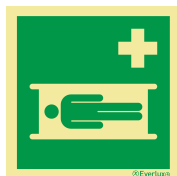
Assembly station
150 x 150 mm
ITEM NO. S0361



Assembly station
150 x 150 mm
ITEM NO. S0368



Vertical evacuation
chute
150 x 150 mm
ITEM NO. S0224



Stretcher
150 x 150 mm
ITEM NO. S0225



Thermal protective aid
150 x 150 mm
ITEM NO. S0266



Anti-exposure suit
(A.E.S.)
150 x 150 mm
ITEM NO. S0267



Medical locker
150 x 150 mm
ITEM NO. S0226



EEBD
150 x 150 mm
ITEM NO. S0227

Direction Signs



Lifeboat with arrow up on right
100 x 300 mm
ITEM NO. S0397



Lifeboat with arrow diagonally down left
100 x 300 mm



Assembly station with arrow up left
100 x 300 mm
ITEM NO. S0386



Assembly station with arrow diagonally down left
100 x 300 mm
ITEM NO. S0383



Exit with arrow diagonally up left
100 x 300 mm
ITEM NO. S0441

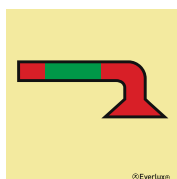


Exit with arrow diagonally down right
100 x 300 mm
ITEM NO. S0436

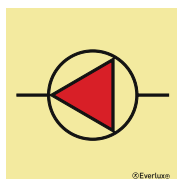
Fire Control Signs



Fire control plan
150 x 150 mm
ITEM NO. S1246



Water fog applicator
150 x 150 mm
ITEM NO. S1305



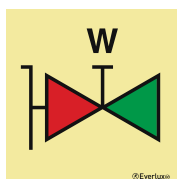
Fire pump
150 x 150 mm
ITEM NO. S1033



Fire locker
150 x 150 mm
ITEM NO. S1298



Portable foam applicator
150 x 150 mm
ITEM NO. S1297



Fire hydrant
150 x 150 mm
ITEM NO. S1265

Fire Signs



Fire extinguisher sign
150 x 150 mm
ITEM NO. S1601



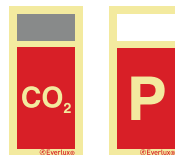
Fire hose reel sign
150 x 150 mm
ITEM NO. S1606



Fire blanket sign
150 x 150 mm
ITEM NO. S1607



Manually operated call point
150 x 150 mm
ITEM NO. S1802



Extinguisher media sign
75 x 150 mm
ITEM NO. S1760 and S1762



Number
75 x 150 mm
ITEM NO. S1970 - S1979

Fire ID Signs



Water extinguisher agent ID sign
200 x 75 mm
ITEM NO. S1751



Foam Spray extinguisher agent ID sign
200 x 75 mm
ITEM NO. S1752



Carbon Dioxide extinguisher agent ID sign
200 x 75 mm
ITEM NO. S1753



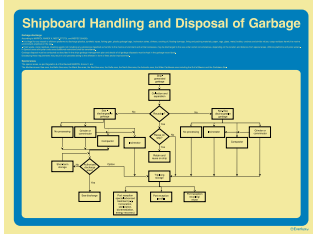
ABC Powder extinguisher agent ID sign
200 x 75 mm
ITEM NO. S1754



Fire blanket ID sign
200 x 75 mm
ITEM NO. S1759

Safety awareness and training procedures

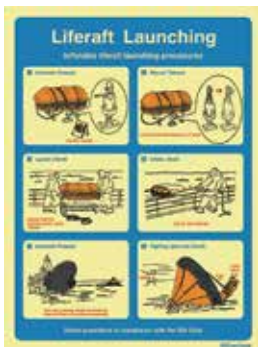
Posters



Shipboard handling and disposal of garbage
300 x 400 mm
ITEM NO. S6322



Abandon ship
- ISM safety procedures
300 x 400 mm



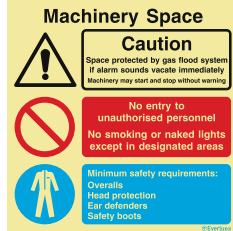
Liferaft launching
- ISM safety procedures
300 x 400 mm



Evacuation chutes & slides - ISM safety procedures
300 x 400 mm
ITEM NO. S6060

Deck, Engine Room, Galley and Accommodation

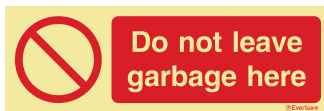
Signs



Machinery space - warning, prohibition and mandatory sign
300 x 300 mm
ITEM NO. S4104



Danger Hot
100 x 300 mm
ITEM NO. S3071



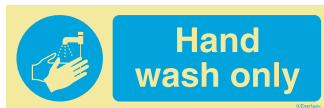
Do not leave garbage here
100 x 300 mm
ITEM NO. S4002



Plastic only
100 x 300 mm
ITEM NO. S3648



Incineration only
100 x 300 mm
ITEM NO. S3652



Hand wash only
100 x 300 mm
ITEM NO. S3642



Utensil wash only
100 x 300 mm
ITEM NO. S3643

Safety Signs



Safe for entry
100 x 300 mm
ITEM NO. S0350



Drinking water
100 x 300 mm
ITEM NO. S0344



Smoking area
100 x 300 mm
ITEM NO. S0355



First aid
100 x 300 mm
ITEM NO. S0338



Emergency shower
100 x 300 mm
ITEM NO. S0333



Pollution control equipment
100 x 300 mm
ITEM NO. S0353

Hazard Signs



Danger sign
100 x 300 mm
ITEM NO. S3051



Danger under maintenance sign
100 x 300 mm
ITEM NO. S3051



Warning hazardous area sign
100 x 300 mm
ITEM NO. S3061



Warning mind your head sign
100 x 300 mm
ITEM NO. S3085

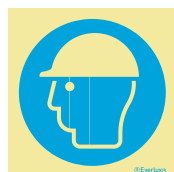


Danger explosion risk sign
100 x 300 mm
ITEM NO. S3074



Caution mind the step sign
100 x 300 mm
ITEM NO. S3083

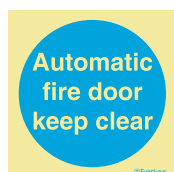
Mandatory Signs



Wear head protection sign
150 x 150 mm
ITEM NO. S3501



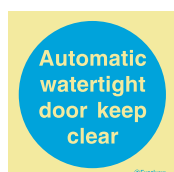
Wear safety footwear sign
150 x 150 mm
ITEM NO. S3507



Automatic fire door
keep clear sign
150 x 150 mm
ITEM NO. S3402



Door to be kept locked
when not in use sign
150 x 150 mm
ITEM NO. S3409



Automatic watertight
door keep clear sign
150 x 150 mm
ITEM NO. S3406

Prohibition Signs



Do not enter sign
100 x 300 mm
ITEM NO. S3862



Restricted area authorised
personnel only sign
100 x 300 mm
ITEM NO. S3982



Do not touch sign
100 x 300 mm
ITEM NO. S3870



Do not operate sign
100 x 300 mm
ITEM NO. S3871



Do not open sign
100 x 300 mm
ITEM NO. S3963



No smoking, drinking or ea-
ting within this area sign
100 x 300 mm
ITEM NO. S3966

Combination Signs



Danger steep ladders sign
200 x 300 mm
ITEM NO. S4057



Warning gas under pressure sign
200 x 300 mm
ITEM NO. S4053



Danger explosion risk sign
300 x 300 mm
ITEM NO. S4081



No smoking and no naked lights sign
200 x 300 mm
ITEM NO. S4065



Danger Vehicle fumes sign
200 x 300 mm
ITEM NO. S4054

VIKING Managed Service

Global safety servicing of all products and brands from a single, local point of contact



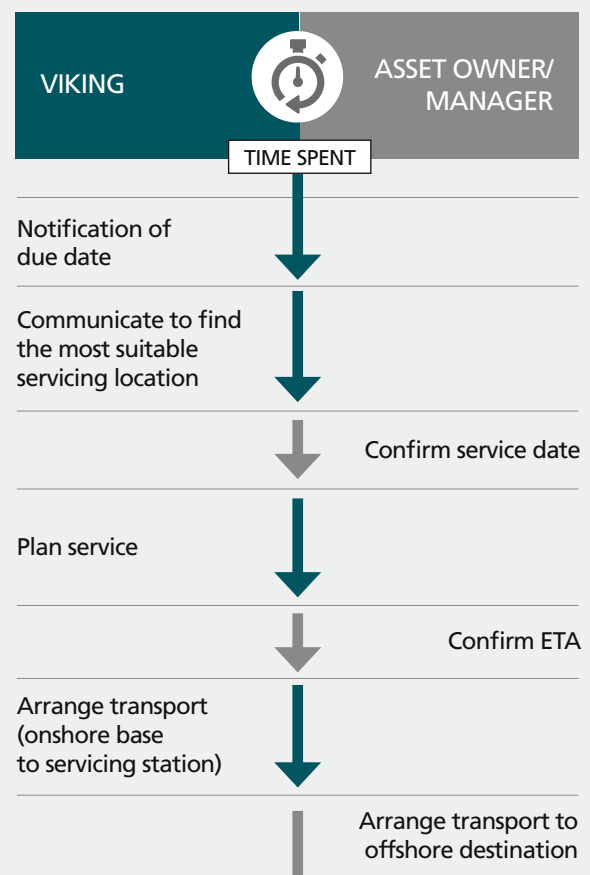
VIKING's unique network makes it possible for us to cover all your servicing needs from a single point of contact at your local VIKING branch office. Servicing is carried out at a VIKING servicing station or at one of our carefully selected partners for:

- Liferafts
- Lifeboats, hooks and davits
- Immersion suits and lifejackets
- Marine fire equipment
- Fire extinguisher, fixed systems, gas detection, EEBD, breathing apparatus
- Other lifesaving appliances

Convenient servicing of all your safety equipment

Our dedicated planners arrange and book service at any location for consolidated servicing of your multi-brand safety equipment on board. We also perform service visits and ensure that you get quality servicing at the right price.

Move 70% of your service coordination to VIKING!



What can our experts do for you?

Service booking

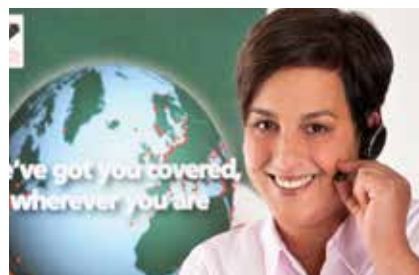
- Keep focus on operations schedules
- Notify you of every upcoming service requirement
- Find an appropriate service station
- Coordinate and book service with multiple partners

Follow-up

- Evaluate performance
- Monitor invoices for accuracy

Station monitoring

- Monitor servicing station performance
- Inspect stations



Jasmin Puri, VIKING GERMANY,
Customer Service Planner

Consistent service

"My German customers especially appreciate being able to hand me the responsibility of planning the service for all their safety equipment products. They are confident that we are able to meet their deadlines in the most cost-conscious and suitable way."

"Our customers also value us as partners, because we offer professional and competent consulting service and are always able to provide them with satisfactory solutions."



Ailyn Gonzalez, VIKING Americas,
Customer Service Planner

Smooth routine

"My North American customers love that they don't have to worry about managing their safety equipment service because they know that I am keeping an eye on things."

"I let them know when it's time to have equipment serviced and suggest the most convenient and cost-efficient way to consolidate servicing."



Evren Sahin, VIKING Turkey,
Customer Service Planner

Turkish Shipowners can reach me 24/7

"Our customers choose us because we offer reliable global service planning and can get in touch with all other parts of the world in an instant."

Evacuation systems service

Evacuation systems and other safety equipment need regular maintenance



Specially trained service engineers in the VIKING network offer the highest level of service with exclusive use of quality parts and equipment. Original VIKING certification and re-certification for servicing helps avoid potential costly issues with classification surveyors.

Service agreements

VIKING Life-Saving Equipment offers service agreements for maintenance, re-certification of boarding platforms, liferafts etc.

Choose a full service package or have VIKING tailor a solution to fit your needs.

Certification and re-certification

Servicing of evacuation systems is regulated by IMO SOLAS 1974, as amended, Chapter III, Regulation 20.8, and IMO Resolution A.761(18). Re-certification of system liferafts and boarding platforms must be carried out by certified personnel at a VIKING certified servicing station.

Liferaft service

Quality service with attention to detail



Documentation

- Liferaft is received and registered
- Logbook in the liferaft is completed (proof that the liferaft has been opened and tested)
- Inspection is performed using VIKING approved inspection checklist
- Certificate of re-inspection is issued
- Full documentation for service is archived according to regulations
- Detailed invoice is issued

Service

- Container is opened and the inflation system dismantled
- Liferaft is removed from the container
- Container shell is cleaned and fibreglass is repaired if needed
- Container is relabelled
- Liferaft is inspected inside and out
- Emergency pack is checked and items replaced if expired according to regulations
- Liferaft equipment is inspected and replaced if needed
- Cylinder operating head, valve, knife and release wire is inspected

- Inflation systems and high pressure hoses are inspected
- CO₂ cylinder is checked for correct content level
- Liferaft is deflated, repacked in the container and prepared for despatch

Testing

- Liferaft is inflated with compressed air and pressure tested including a 60 min. working pressure test of the lower buoyancy chamber, upper buoyancy chamber and arch chamber
- If the liferaft is equipped with an inflatable floor, this is pressure tested for 60 min.

Liferaft is subjected to specific tests at various intervals according to international regulations.

- Gas inflation stress test (GI) is conducted every 5 years using the liferaft's own CO₂ cylinder to inflate the liferaft
- Necessary additional pressure test (NAP) at double the working pressure rate is conducted at 11 years end then annually thereafter
- Floor seam test (FS) is performed to check the seams of the internal floor and is conducted at 10 years and then annually

More options for multi-brand servicing of boats and davits

Want all your safety equipment service managed through a single, global supplier with all the expertise and quality of an OEM?

With the newly combined VIKING Norsafe, certified by DNV-GL, our team of technicians can perform your annual and five-yearly inspections in compliance with all SOLAS regulations and applicable MSC. guidelines, such as MSC.1/Circ.1206/Rev.1 and MSC.1/Circ.1277 for boats, hooks and davits of all multi-brands.

Our highly-trained service technicians are certified to take care of every servicing aspect of your multi-brand boat systems.

And with the wide range of boats, davits and hooks we manufacture and our comprehensive training programs, VIKING covers all your needs.

From booking and administration, through our spares and execution, we manage all of your multi-brand service. And, of course, documentation and dedicated 24/7 support are part of our one-stop package.



Dry-docking? Hook up with a VIKING Nadiro

Looking for a hook retrofit supplier that can deliver an ultra-safe, turnkey installation almost anywhere in the world with 4 weeks notice or less? Need flexibility if your schedule should suddenly change?

Our patented VIKING Nadiro Drop-in-Ball™ can be fitted or retrofitted on most makes of lifeboats and fast rescue craft. With few moving parts, it's light on procurement, installation, and service costs - and can be fully customized, too.

Find out more at www.viking-nadiro.com



PPE servicing

Efficient suit and lifejacket service for smooth operations

Flexible options that save time and money

You can choose between attractive day-to-day rates or customizable fixed price agreements.

VIKING's fixed price exchange agreements are an excellent option for rigs and supply ships. When suits and lifejackets are due for service, they can be exchanged on the platform or at pier with suits and lifejackets from a stock pool. No need to wait for servicing that can cause costly delays.

Consolidating the servicing of safety equipment can make it easier to keep track of the servicing status and due dates. Including immersion suits for servicing with other safety equipment minimizes costs related to handling, transportation and overtime.



Certified servicing makes a difference

VIKING has been a manufacturer of quality protective clothing for more than 30 years. VIKING trained and certified servicing stations follow strict guidelines for servicing suits and lifejackets.



ETSO Requirements

ETSO certified immersion suits and lifejackets require specially authorized service facilities. Each immersion suit and lifejacket type have individual servicing requirements, however all require tracking of every detail and spare parts used. VIKING is fully certified to service and issue certificates for ETSO suits and lifejackets at several locations to ensure airworthiness, reliability and security.

Safety on demand

Short-term rental of offshore safety equipment

The right safety equipment, just when you need it

Readiness drives success in today's offshore operations. And when the opportunity strikes, you must be ready to act. But no matter what, you still need the best safety equipment to protect your people and your business reputation. Now, you can rent what you need from VIKING for as long as you need it, anywhere in the world.

We call it Safety on Demand, and it will save you time. There are no entrance fees and no servicing hassles. Just one fixed fee guarantees you safety equipment from the world's leading manufacturer.

Our safety solutions undergo rigorous testing and are certified through the European Marine Equipment Directive (MarEd). In fact, we ensure all our products have the latest certifications, so you can meet all safety requirements wherever you operate.



VIKING Safety on demand

Short-term rental for offshore operators

- No entrance fees
- Fixed weekly fee
- Leave all servicing and maintenance requirements to VIKING
- Full flexibility – agreement period from a week to months or years





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One **safety** solution. One **global** partner.

Now just one agreement can be gradually expanded to cover all of your evolving safety equipment and servicing needs.

Start with a comprehensive VIKING Offshore Safety Agreement or simply add vessels, offshore installations and safety products as needed.

It's a uniquely customizable concept that covers almost all safety products, brands and services in a variety of predictable, fixed-price structures.

You always know exactly:

- What you get
- How much it will cost
- How you can change your contract underway

Instant advantages

- **Safeguard** your crew through consistently high product and servicing quality
- **Get** fixed, predictable prices around the world
- **Save** time and administration
- **Reduce** onshore base logistics via single-point, multi-task servicing
- **Avoid** risk with extra contract flexibility and top-notch compliance documentation
- **Optimize** cashflow with contracts that don't start charging you until products or services are delivered

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