



VIKING Offshore

VIKING SES Int Offshore Evacuation System

Welcome to the VIKING advantage

Comprehensive Offshore Solutions

VIKING is an innovator in life-saving equipment for a wide range of offshore installations. Our in depth knowledge of the offshore industry ensures optimal solutions – from putting together total packages for new buildings, producing custom designed evacuation systems, supplying the right combination of personal protective equipment, as well as professional and convenient servicing and replacement.

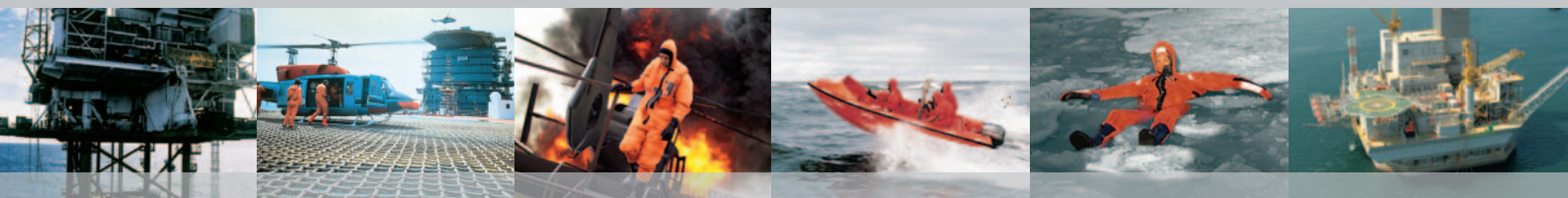
- Unique chute based evacuation systems
- First class liferafts in a wide range of sizes
- Extensive line of personal protective equipment
- State of the art stair based embarkation systems
- Total servicing packages

SES - chute based evacuation systems

VIKING's advanced evacuation systems for offshore rescue are second to none. Designed specifically to increase personal safety, our chute-based evacuation systems ensure protection against exposure to the elements and a quick, easy, controlled and safe descent to sea level.

We have several compact chute based evacuation systems for all types of offshore installations whether fixed or floating. All systems offer exceptional stability and are trusted by people worldwide. Our quality management system is certified in accordance with ISO 9001.

When you choose VIKING life-saving equipment you choose a sound long term investment.



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WHEN IT COMES TO
safety
THINK VIKING.

Container



Launching



System deployed



Special features:

The SES S INT offshore evacuation system is specially designed for floating units such as FPSO's and other vessels where the system must not protrude from the ship's side when not in use. SES S INT is a high transfer capacity system with installation heights up to 35 metres. It offers controlled launching and recovery in temperatures from -20° to 65° C and comes complete with integrated liferafts. Maximum capacity of SES S INT with integrated liferafts is 200 persons. It can evacuate up to 140 persons within 10 minutes. SES S INT has a type approval and consists of the following components:

| Components | Material / Type | Dimensions (L x W x H) | Weight |
|--|-------------------------------|-----------------------------------|---|
| Container | Aluminium and stainless steel | 3230 x 1770 x 2930 mm | |
| Evacuation Chute | Kevlar stainless steel rings | 1500 x 1000 x 26 mm/cell (folded) | 7 kg/meter |
| Release System | Controlled speed | | |
| Boarding Platform | Natural rubber | | |
| Inflatable Liferafts B-pack (number and sizes vary according to total required capacity of system) | Natural rubber | 20 pers. 25 pers. 35 pers. | 140 kg each incl. container 165 kg each incl. container 264 kg each incl. container |
| Stabilising Weight (incl. raft racks) | Stainless steel | 4990 x 1461 x 1466 mm | Approx. 700 kg |
| Total system weight incl. 4 x 25 pers rafts | | | Approx. 4300 kg |

Container

The container is the structural interface to the platform deck. When the system is not in use, all components except the liferafts are safely stored inside the container. This protects them against all types of weather.

Fire Retardant Evacuation Chute

The evacuation chute provides a simple, safe and reliable method of transferring evacuees from deck levels down to sea level. It is divided into cells with speed retarding slides running at opposing angles in a zigzag effect. Openings in the chute located behind each retarding slide provide easy entry and exit at any level.

The speed retarding slides also permit evacuees wearing lifejackets, survival suits, breathing apparatus and even stretchers to pass safely through the chute. The length of the chute is calculated to allow for side motion and sea current.

Release System

The system is deployed by gravity, using the hydraulic winch motor as a brake. The winch also allows controlled recovery of the system when dry.

Boarding Platform

The boarding platform is situated at the base of the chute. It inflates automatically and acts as sea reference point where evacuees can await dry transfer to integrated liferafts or fast rescue crafts.

Liferafts

Standard SES S INT systems are delivered with B-pack liferafts. All liferafts have at least two individual compartments, each with sufficient buoyancy to keep the liferaft afloat with maximum load. During storage they are positioned outside the container on a cradle mounted on the stabilising weight. The integrated liferafts are inflated while fastened to the boarding platform and accessed via the platform when in use.

Stabilising Weight

The stabilising weight sits below waterline when deployed. It keeps the escape passage / chute taut and reduces side motion from wind and sea current.

This unit must be serviced annually.

All specifications are subject to alteration without notice