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## Marine evacuation system – VIKING, VES-DD, 4, Dual track slide

Item no.: VES-DD

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The VES-DD system is certified by DNV in accordance with SOLAS/MED requirements. RMRS and relevant flag state approvals. The system can be stored almost anywhere on board and remotely released as needed.

- Ability to evacuate 657 persons in 30 minutes and 386 persons with 17 minutes and 40 second
- Embarkation height between 6 and 15 meters above waterline.
- Available with reduced, A or B SOLAS emergency pack
- Simple to operate and requires few crew members
- Flexible installation and capacity





Passenger

Technical Data, VES-DD aluminum

The VIKING Evacuation Slide system, VES-DD, consists of a slide with a length from 12 meters to 18 meters, a 100 persons platform, an entry door that is fixed to the shipside and a Bowsing winch.

The platform is connected to the slide. Additional liferafts can be positioned near the VES-DD system and released by means of a remoted release system. A connection line ensures connection between additional liferafts and the inflated VES-DD system.

<b>STOWAGE HEIGHT</b>	Max 6 m and max 13.2 m. above waterline in lightest seagoing condition		
<b>EVACUATION CAPACITY</b>	657 persons within 30 min. (SOLAS regulation) 386 persons within 17 min. 40 sec. (SOLAS-HSC regulations)		
<b>PLATFORM</b>	100 persons self-draining platform		
<b>LIFERAFT</b>	Approved with 101 persons self-righting liferaft with a SOLAS A or B emergency pack Approved with 51 persons self-righting liferaft with a SOLAS A or B emergency pack Approved with 25 persons self-righting liferaft with a SOLAS A or B emergency pack Approved with 101 persons open reversible liferaft with reduced emergency pack Approved with 51 persons open reversible liferaft with reduced emergency pack Approved with 25 persons open reversible liferaft with reduced emergency pack		
	System		Door
<b>LENGTH</b>	2420 mm		2510 mm
<b>HEIGHT</b>	2000 mm		2360 mm
<b>WEIGHT</b>	12 meter slide	1732 kg	250 kg
	14 meter slide	1789 kg	
	15 meter slide	1818 kg	
	16 meter slide	1847 kg	
	18 meter slide	1905 kg	
	20 meter slide	1963 kg	
	22,5 meter slide	2035 kg	
<b>DEPTH</b>	2100 mm		
<b>APPROVALS - SYSTEM</b>	SOLAS 74, Reg. III/4 & III/34, as amended by IMO Res. MSC 48(66) and IMO Res. MSC 81(70) EC type approval acc. to EC Directive 96/98/E		
<b>APPROVALS - LIFERAFTS</b>	SOLAS, IMO, USCG, MCA, EC and other national authorities		



Passenger

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## MATERIALS

**SLIDE CASSETTE** Aluminum

**SYSTEM DOOR** Aluminum

**DOOR FRAME** Aluminum

**SLIDE** Nylon webbing covered with natural rubber

**PLATFORM** Nylon webbing covered with natural rubber

**BOWSING WINCH** Anders, 52 ST, Stainless steel, AISI 329

**LIFERAFTS** Nylon webbing covered with natural rubber

**LIFERAFT CONTAINER** GRP

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**INTERFACE TO SHIP** The system is bolted to the ship's structure with 14 x M16 galvanized bolts

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**DESIGN CRITERIA** The structure is designed with safety factor 4.5 and the falls, links, blocks are designed with a safety factor 6

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**ACTIVATION** The system is activated by one handle. The handle releases pressured nitrogen (N<sub>2</sub>) that opens the system door. The slide is pulled out and immediately starts to inflate with nitrogen (including 50% over capacity) and air aspirators. The slide system does not require an external power supply.