



Safe boat handling for life

Vestdavit designs, supplies and supports tailor-made solutions for launching and recovering boats in difficult conditions at sea.



Vestdavit is the first choice for navies, coastguards, customs, seismic and offshore energy operators who need to launch and recover boats on board ships working in tough environments.

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The Vestdavit Team

Vestdavit's highly-skilled engineers work together and with you to ensure that every project puts proven technology and innovation together into the right solution for you.



Vestdavit's team work in a calm environment so you can work in a tough one.

Hands-on

All of Vestdavit's team have real hands-on experience with boats and davits. They don't think about making products, they think about ways to make it safer and more efficient for clients to launch and recover boats. They know the risks and they know the issues, and more importantly, they know the way to mitigate the risks and overcome the problems. Each project requires a different solution. Vestdavit's team approach will always find the right one.

Innovation

Listening to and collaborating with each other, with outside experts and other specialist companies and with the clients is what drives innovation forward at Vestdavit. Innovation which is always delivered based on proven technology and the highest safety levels. From their base in Bergen Vestdavit's team reaches out through a global network of partners and agents to be close to navies, coastguards and offshore operators all over the world. They speak the global language of safe boat handling and getting the job done when the conditions get tough.

Safe and efficient boat handling

Vestdavit designs, supplies and supports tailor-made solutions for launching and recovering boats in difficult conditions at sea. Our range of boat handling systems and davits are the first choice of navies, coastguards, seismic survey operators, pilot authorities and offshore operators who need to be able to operate small boats safely from larger vessels.

Why choose Vestdavit?

Increased time on task

Vestdavit's tailor-made solutions for launching and recovering boats in difficult conditions at sea widen the operational window for users.

Improved safety

Vestdavit davits are built around a fail-safe self-tension system, a shock absorber to take peak loads and an end stop which all ensure crew safety while handling boats in demanding conditions.

Reduced operating costs

Vestdavit systems need very little maintenance between five-yearly services and only a single operator when in use.

Reduced crew training

Vestdavit systems are easy to use and intuitive, reducing the need for crew training. Vestdavit provides training for all its systems.

Reduced maintenance costs

Vestdavit focuses on reliability and ease of maintenance when designing systems. Users benefit from simpler, less frequent maintenance and fewer spare parts needed.

Proven reliability

We have supplied over 1,800 davits and side and stern launch systems since 1975. They have proven themselves over more than 35 years use in the North Sea and other harsh environments around the world.

The Norwegian Coast Guard relies on Vestdavit PLR-5002 davits for safe boat handling in heavy seas.



Wave compensation and shock absorbing systems ensure crew safety and widen the operational window for the users. Vestdavit's key focus is on operational effectiveness, safety and the reliability of its equipment.



PAPH-6000 davit recovering MOB boat at 12 knots.

Innovation that works

When you commission a Vestdavit boat handling system you access the deep experience and engineering knowledge of Vestdavit's team to focus on getting your specific task right. Our team is the world leader in davit innovations, but we always deliver systems we know from experience will work and carry on working.

Global support

Vestdavit doesn't sell davits, it sells safe boat handling for life. Vestdavit has a global service network ready to perform annual inspections and service work, backed by a well-developed spare parts system which ensures rapid and timely delivery of spares. Our web-based database enables clients to access the current maintenance, class and statutory status of their davits at any time, in addition to drawings and manuals.

Improved traceability and document handling

Vestdavit solves your documentation problems with a central, web-accessible database and full drawing, certification, service and supply history.

Because the best choose Vestdavit

Vestdavit systems are the davits of choice globally for navies, coastguards, seismic survey operators, pilot authorities and offshore operators who need to be able to operate small boats safely from larger vessels, whatever the conditions.

Offshore and seismic

Offshore service and seismic vessels need to be able to deploy boats safely and to keep working in tough environments. They work under strict regulations and take the safety of their people very seriously. That is why they choose Vestdavit for MOB boat, Fast Rescue Craft, Workboat and Lifeboat davits.

The PLR-15000 seismic workboat davit has been specially developed for deployment in the harshest environments.



Offshore daughter craft davits

PAP davits for fast rescue daughter crafts has been specially developed for deployment in the harshest environments. These davits come with an anti-pendulation docking head as well as wave compensation and shock absorber. In combination with painter booms, it will safely launch and recover boats in sea state 6.

Workboat davits

Workboat davits are critical to the operation of seismic vessels. These davits need to be reliable and durable as seismic operators cannot afford any failure or downtime. That is why Vestdavit is the world leader in supplying davits to the seismic industry.

The PLR-10000/12000/15000 series single arm A-frame davits can handle boats up to 15 tonnes in seas states up to four. These davits are equipped with all necessary safety features and are custom-built to owners' specifications.

Vestdavit's range of telescopic workboat davits, the TDB-series, combines compact design with high performance. With boats placed in sheltered alcoves closer to the water line, boat handling becomes safer and more efficient.



PAP davits with anti-pendulation device keeps the boat steady during operations.

MOB/FRC davits

The PLR-3600/PLR-5000/PAP-6000 davits are designed to handle boats safely in the toughest conditions. Features include shock absorbers, self-tensioning, wire pullers and hydraulic end stops to improve crew safety. This range of davits will safely launch and recover small craft in seas states up to four.

Skid-mounted sliding davits and telescopic arms deliver improved working spaces on deck as the davits and boat stow inboard clear of the ship side, or the boat can store aft of the davit.

Multi-boat handling

Seismic craft need to store and deploy several workboats. One solution to maximise use of deck and ship side space is versatile davits that can handle more than one boat. Vestdavit can tailor-make multi-boat systems. One recent system consists of a deck-mounted frame for a telescopic 12 tonne davit which serves two boat cradles for handling and storing two workboats. The boats are stored side by side with the inner boat resting on a rolling cradle.

Multiple-boat handling systems increase vessel capability.



Navies and coastguards

Navies and coastguards need to be able to deploy raiding, rescue and interception craft in conditions when everyone else has run for shelter. With more than 35 years of experience, Vestdavit knows how to meet these demanding customers needs.

Fast Craft

Fast Rescue Craft and smaller RIBs can be handled by the PLR-series, which offers variants capable of lowering and recovering a small craft from 2,000 up to 7,500 kg in sea states up to four. Special features include wave compensation, shock absorbers, stainless steel components, silent hydraulic power units with submerged electrical motors, integrated painter booms and wire pullers.

Compact construction

The PLR davits can also be of compact aluminium construction which ensures they are low weight and low profile yet able to launch and recover boats in the worst seas. The lower weight enhances mother vessel stability and aluminium construction reduces through life costs.



The Australian Border Protection chose Vestdavit systems to give its new Cape class cutters a wide operational window.



**Integrated boat hooks
increase crew safety
and widens operational
window.**

Navies and coastguards

Military vessels pose a special challenge for all marine equipment. It must be light, compact, resilient and have a high degree of redundancy so it will keep working even when parts of the system are immobilised. That is why navies and coastguards globally specify Vestdavit systems for their high performance vessels, from the largest US aircraft carriers to the fastest and most nimble offshore patrol vessels.





The Swedish Navy enjoys safe boat handling using Vestdavit systems.

High performance

For very high performance and higher sea state capability, the advanced single point PAP davits with anti-pendulation devices deliver mission-proven operation. The PAP davits can launch and recover boats up to 12 tonnes. The most advanced PAP davits are triple-hinged and computer controlled. Launch and recovery sequences are programmed for safe and simple operation.

Large craft

Larger interceptor and raiding craft up to 30 tonnes can be handled safely in high sea states using the twin arm H-series of davits, with dual winches and computer control, backed by a double manual emergency system.

Protected stowage

Space is always tight on military vessels, and the exterior profile is very important. Vestdavit designs and supplies the TDB series of telescopic davits which stow small craft in hangars or side garages and can handle multiple craft. That declutters the deck space.

NORSOK davits

New regulations for davits used in the offshore industry on both sides of the Atlantic are driving a step change in safe davit design. In Norway NORSOK R002 regulations has come into force from 2015. The regulations apply to davits and lifting appliances used on offshore installations and specify many new design features and safety systems. Vestdavit is the leader in equipment ready to meet the demanding new standards.





NORSOK requirements demand more sophisticated control equipment.

Raising the bar

NORSOK R002 will eventually require davit on offshore installations in Norwegian waters to be upgraded to the new regulations. That raises the bar for offshore boat handling systems as the majority of offshore contractors and labour organisations will demand the same standards of safety on ships as on fixed rigs. Key elements of the regulations are requirements for a dual independent winch brake system, hoisting speed, davit cylinder redundancy, reinforced davit structure and hydraulic power pack and electrical cabinet built in compliance with EX zone regulations.

A full range of NORSOK davits

Vestdavit has a full range of NORSOK-compliant davits.

D-5000: The 5 tonnes SWL NORSOK R002 davit is designed for FRCs boats.

PLR-6000: The 6 tonnes SWL NORSOK R002 pivoting A-frame davit for FRCs includes all mandatory safety features.

HN-16000: FPSOs and other floaters which will work in the Norwegian North Sea also need NORSOK-compliant lifeboat davits. Vestdavit is the first to meet that demand with its all new HN-16000 two point lifting davit for life boats. The davit has a SWL of 16 tonnes, and can be adapted to many types of lifeboats.

MissionEase multi-boat handling system

Modern warships and coastguard cutters need to be flexible. They have to be able to handle multiple types of boats, weapons and containers through one mission bay and on both sides of the vessel. Vestdavit works with integrators and hangar specialists to provide total multi-role capability.

Enhancing capability

Raiding boats, RIBs, AUV sonar systems, USVs, rescue craft – a modern warship or coastguard cutter has to deploy and recover all of these to cover multiple roles. But handling boats is no longer enough. A truly multi-role mission bay deploys the same lifting and carriage systems to load, discharge and move internally a wide range of weapons, ammunition and containers. Vestdavit can configure systems, MissionEase which can lift a wide range of boats and equipment and which are dimensioned to handle standard 20ft teu containers.

Integration

A truly multi-role mission bay will enable warships to swap roles quickly and to store and deploy a range of assets on either side of the vessel safely and quickly. Vestdavit's experience working with door specialists, hangar equipment specialists and system integrators for navies, coastguards and seismic operators to deliver seamless boat and equipment launch and recovery, handling, internal transportation and storage is crucial to effective design and operation of a modern multi-role warship.

Multi-role davits can lift many types of boat and equipment.





MissionEase works on a system of hydraulic cradles which moves boats safely from stowage positions to maintenance, preparation or launch areas of the mission bay.

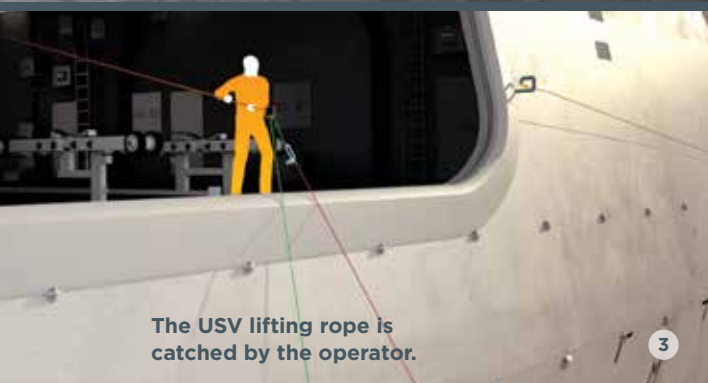
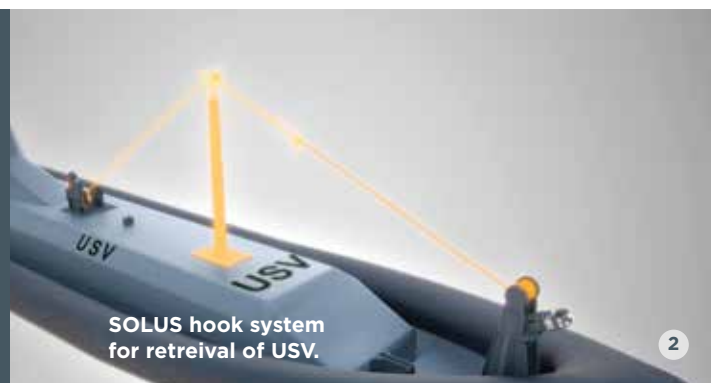
Space is always tight on military vessels, and the exterior profile is very important. Vestdavit designs and supplies the TDB series of telescopic davits which stow small craft in hangars or side garages and can handle multiple craft.

Maximising the platform

Smaller warships have to do more today than ever. That puts pressure on space. Which is why Vestdavit focuses on making its systems compact and multi-functional. Vestdavit's MissionEase system can stow, launch and retrieve up to seven different RIBs, daughter boats and USVs in high seas from within a protected hangar, all the time maintaining a high degree of redundancy and occupying only a small amount of space itself.

Unmanned Surface Vehicle launch and recovery

Navies want to use Unmanned Surface Vehicles. They will keep boat crews out of high risk environments and extend the outreach of surface vessels. Successful use of USVs will depend on proven systems for launch and recovery of the USV from a mother ship. Vestdavit has developed and demonstrated its SOLUS system.



Patented USV retrieval system.

Safe recovery

SOLUS was developed jointly between Vestdavit and Norwegian hook manufacturer H Henriksen. The solution uses a dual-hook system, one for launching and one for retrieval. Dyneema rope and soft links replace the normal wire lifting falls and the boat is picked up by a specially-designed davit, adapted to the synthetic ropes. In successful sea tests a manned rib was used but with no crew intervention. Manning on the mother ship was done by untrained personnel to demonstrate the ease of use. The SOLUS system proved to be simple to hook up and safe to operate for the recovery crew on the vessel.

Simple and robust

SOLUS is a robust and simple system which builds on H Henriksen's hook expertise and Vestdavit's expertise in boat handling. It is SOLAS-compliant and requires very few crew to operate. The hook and painter are combined into the system. Vestdavit is now presenting SOLUS to navies around the world as the first safe USV handling system. With proven tests at sea it is a major step forward for the deployment of USVs for naval vessels.

Davits for Arctic environment

Maritime activity is growing in the Arctic area. The extreme temperatures, remoteness and environmental sensitivity of the area place special demands on all marine equipment. Vestdavit is ready for the challenge with rugged, reliable and clean davits which are fully winterised.

Winterisation

Vestdavit's Arctic davits will continue to work at temperatures down to -40 deg C. They are built to be simple to operate by only one person from a protected location and they are resistant to icing. A very rugged system built in specially adapted materials is made even more effective through a high degree of redundancy. In Arctic waters you can't just call up a service engineer, so Vestdavit make sure its davits will work and go on working.

Clean oils

The Arctic environment is fragile so Vestdavit uses specially developed environmentally friendly hydraulic oils to ensure that any leakage will not cause harm. The oil will do its job at very low temperatures and at the same time not cause any pollution if an accidental leak occurs. That's typical of the level of detail and care which goes into every Vestdavit Arctic davit.

Navies and seismic operators in icy waters choose Vestdavit's rugged and reliable Arctic davits.

The Norwegian Coast Guard chose Vestdavit equipment for its patrol vessels.



Two Point davits

Heavy workboats need two point davits. Vestdavit's range of two point systems will handle workboats and lifeboats of any size in high sea states.

Computer control

Proven computer control systems are at the heart of Vestdavit's two point davits. They are self-levelling and self-tensioning and can launch and recover heavy workboats in seas states up to 5. An adjustable hook distance means they can be configured for a range of larger boats and can form part of a versatile multi-boat handling system, maximising the capacity of seismic and offshore maintenance vessels.



“Launching and recovering workboats is a critical part of our operations. Vestdavit delivers and supports high quality davits that we rely on.” **Hans-Christian Blauenfeldt, CGG**



**The boat guiding system
keeps boat stable during
operations.**



Lightweight aluminium davits

Every kilo of extra weight on a vessel cuts payload and reduces stability. That is why Vestdavit uses high grade aluminium to deliver weight-saving boat handling systems for Fast Patrol Vessels.

Lightweight

Weight savings using aluminium instead of steel are around 30 per cent of the davit system. For a MOB boat davit that may be up to 2,000 kg of weight saved, increasing the vessel payload and improving stability.

The Austal Armidale Class boat built for the Australian Navy rely on Vestdavit davits to operate boats in tough conditions.



Class and Regulatory Approval

Vestdavit always uses innovative technology to deliver the safest and most efficient boat handling systems. And we are always careful to ensure that the systems exceed all regulatory and classification requirements. Vestdavit has a long track record of approval from the toughest regulatory bodies and classification societies. We invest in quality production processes and project management, and maintain ISO 9001:2008 by DNV.GL certification to ensure our own system performance stays high.



Sliding davits



Now you see it, now you don't. Sliding davits protect boats and make boat handling safer.

Offshore supply vessels need to stow their rescue boats in safe and protected locations in the accommodation forward, yet also launch and recover them safely along the flat vertical ship's side midships. That is why Vestdavit tailor makes sliding davits which are out of the way when stowed and which slide aft when needed for safe deployment and recovery of Fast Rescue Craft.

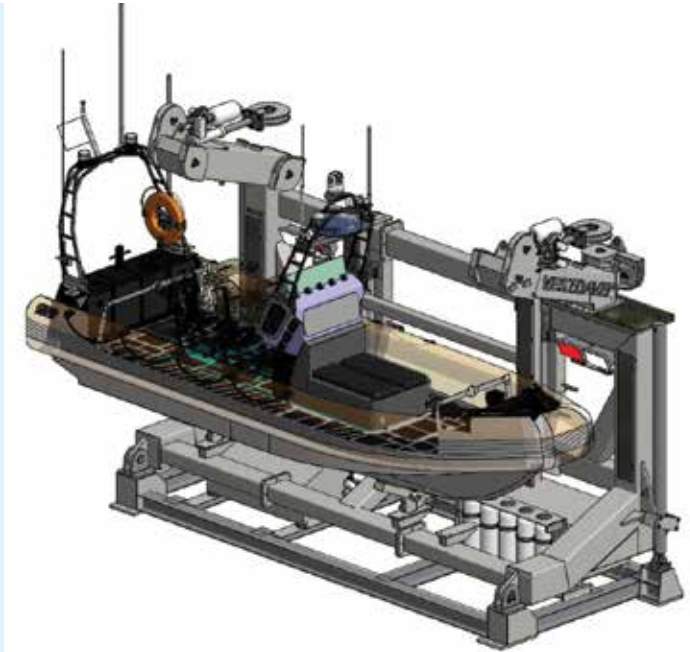
Painter Boom

Safe recovery

A painter boom facilitates safe recovery of small boats by allowing them to run parallel to the ship and pick up the painter without closing to the ship's side.

Skid-mounted davits

Skid-mounted davits are plug and play systems. They bring two advantages. They are easy and quick to fit or remove when a role change is required, and they are factory-built and tested so will work out of the box with no shipyard intervention.



Simple installation

Vestdavit has worked with the CSIR in South Africa to develop a skid-mounted davit handling a large RIB for RSA Navy corvettes. It allows swift role change and the technology is now being made available to other navies. Vestdavit is also supplying NORSOK davits fully configured and skid-mounted so they can be installed quickly and easily. That cuts commissioning and testing time and costs and reduces the chance of shipyard error.

Safe and simple

Vestdavit's automatic painter booms are an integral part of its safe and effective davit systems. They stow out of sight and safe from damage within the ship's side. They deploy rigidly when required so that the boat can hook up the painter and be towed parallel to the ship during recovery. The boats can also lie to the painter clear of the ship when required.

Added safety

A well-thought out painter boom is an added safety feature which navies and seismic operators in particular need. Vestdavit has perfected a range of booms for each davit and boat type and can meet all operational needs.

Lifetime global support

Operators choose Vestdavit for mission-critical equipment. They depend on the davits working safely and efficiently all the time. That performance and reliability is underpinned by our commitment to lifetime global support.

Vestdavit doesn't sell boat handling systems, it sells safe boat handling for life.

We have a global service network ready to perform annual inspections and service work, backed by a well-developed spare parts system which ensures rapid and timely delivery of spares.

Vestdavit's clients benefit from long-term service agreements which deliver peace of mind, regular maintenance and inspections, priority access to skilled engineers and the correct original spare parts.

A web-based database enables clients to access the current maintenance, class and statutory status of their davits at any time. Drawings and spare parts lists are online too.

We design toughness, ease of maintenance and reliability into our davits. But their critical operational role depends on regular maintenance and inspection, and the use of the correctly manufactured spare parts from the original manufacturer.





Vestdavit's skilled service engineers ensure your equipment always delivers.

What Vestdavit spares service can do for you:

Your crews use Vestdavit systems in tough conditions - they need and deserve the reliability designed into the system.

Vestdavit designed and built the davit, we know what you need to keep it delivering the original performance.

You reduce risk of accident and down time if incorrect or substitute spares fail in service.

You benefit from our access to the original drawings and manuals.

You get the right spare you need, made from the right materials to the right specification.

You save time - our spare part service will get you the right part anywhere in the world.










You extend the life of your equipment and save money.

You ensure compliance with IMO regulations and guidelines and reduce the possibility of Port State Control delays.

You save servicing time and reduce the risk of incorrect servicing. Original parts fit first time and do the job straight away and kits mean you always have the right parts before you start.

Tough operators demand tough boat handling solutions

Some of our recent deliveries:

<p>HN-10000S for PGS Ramform W Class</p>	<p>Extra-long outreach workboat/lifeboat/FRC davits for PGS's 5th generation Ramform seismic vessels. The two HN-10000S dual point hydraulic davits with a dual winch system can launch and recover 20 man multi-role workboats safely in seas states 5 - 6.</p>	
<p>TDB-12000 for Western Geco</p>	<p>Western Geco chose Vestdavit TDB-12000 davits for their new Amazon class seismic vessels. These davits are a critical part of the ships operational equipment, and are in frequent daily use worldwide. The davits are installed in a protected alcove, and are able to handle a 12 tonne workboat.</p>	
<p>PLR-15000 for Thor Offshore</p>	<p>Seismic support ship operator, Thor Offshore chose Vestdavit PLR-15000 to handle their large 15 ton workboats. These boats are used in the seismic operation and also for crew change. In addition Thor use PLR-7000 davits for their MOB boats.</p>	
<p>PLR-11000 for Polarcus</p>	<p>Polarcus' seismic vessels are all designed for operations in Arctic waters. Vestdavit has supplied PLR-11000 workboat davits for all its eight vessels. Vestdavit's PLR-11000 davits can lift 11 tonne workboats safely in sea states up to four. They are fully winterized and set up for operation by one person from a weather-protected location.</p>	
<p>TDB-12000 for CGG Eidesvik</p>	<p>For CGG Veritas Eidesvik's new x-bow seismic vessels, Oceanic Sirius and Oceanic Vega, Vestdavit has delivered TDB-12000 telescopic workboat davits and PLR-3600 MOB boat davit. The TDB workboat davits are equipped with the most sophisticated safety systems, including wave compensation, remote control, hydraulic boat rests and foldable guiding arms.</p>	
<p>TDB-10000 and TSB-28000 for Simon Møkster Shipping</p>	<p>For the special purpose field support/rescue vessels Stril Herkules and Stril Merkur, Vestdavit has delivered an integrated boat handling system for FRC boat and Daughter Craft. The stern ramp is equipped with a TSB-28000 davit for lifting of hyperbaric lifeboats.</p>	
<p>TDB-5000 multi handling for Esvagt</p>	<p>Denmark's Esvagt is leading the way in offshore stand-by operations. For the new Crew Change Vessel a new and innovation mission bay is integrated into the ship design, allowing launch and recovery of up to 4 MOB boats on either side of the ship.</p>	
<p>PAP-6000 for French Customs</p>	<p>Vestdavit was chosen to supply davits for the new French Customs patrol vessel. The PAP-6000 and PAP-3250 davits are in frequent use in daily operations in the Mediterranean.</p>	
<p>PLR-5002 for Norwegian Coast Guard</p>	<p>The Norwegian Coast Guard operates in the Barents sea at winter time, some of the world's harshest environments. It was a natural choice to retrofit Vestdavit PLR-5002 on the Nordkapp class. The davit can launch and recover boats up to sea state 5.</p>	

<p>PAPH-6000 for German Navy</p>	<p>Eight PAPH-6000 davits for German Navy frigates. The PAPH-6000 davit comprises an advanced boat handling system with hydraulic painter boom, wave compensation, hydraulic shock absorbers and docking head and the davit is computer-controlled for safe and efficient operation. It safely launches and recovers an 8.5 m RIB in sea state 6 with up to 15 persons on board.</p>	
<p>PLAR-6500 for Australian Customs</p>	<p>PLAR-6500 davits for eight 58 m Cape Class Patrol Boats for the Australian Customs and Border Protection Service. Made of light-weight aluminium and capable of lifting RIBs of 6,500 kg, the SOLAS-compliant, self-tensioned davits permit the safe deployment and recovery of boats at speeds of up to 10 knots.</p>	
<p>PAPH-10000 for German Pilots/ Belgian Pilots</p>	<p>The specially-designed swath vessels by Abeking & Rasmussen needed tailor-made davits. The PAPH-10000 davits are used to launch and deploy Pilot Boarding Boats with a daily frequency up to 40 operations. These computer-controlled davits are extremely robust and are equipped with all available safety features.</p>	
<p>PAP-6000 for the Royal Norwegian Navy</p>	<p>The Royal Norwegian Navy has installed a PAP-6000 davit on the frigate KNM Fridtjof Nansen. The davit was chosen specifically to handle interceptor boats during an anti-piracy mission in the Gulf of Aden. The PAP-6000 can handle different boat types and is capable of launching and recovering boats up to sea state 5.</p>	
<p>PLRh-5000 for South African Navy</p>	<p>The South African Navy uses PLRh-5000 davit on-board its four Valour Class frigates. The davits are skid-mounted, with HPU, SOLAS emergency system and control systems all integrated in a self-contained unit. The davit system is easily installed on-board, depending upon the mission at hand.</p>	
<p>HN-9000 for NOAA USA</p>	<p>The National Oceanic and Atmospheric Administration (NOAA), has several davits installed on its fleet of research vessels. Recent deliveries from Vestdavit include eight HN-9000 dual point workboat davits. In order to fulfil its missions, NOAA needs reliable and durable davits systems, which is why it chose Vestdavit for its latest upgrades.</p>	
<p>TDBE-2600 for US Navy LCS Class</p>	<p>Vestdavit is delivering the MOB boat davits for the US Navy's new LCS Freedom Class vessels. A tailor-made, fully-electrical TDBE-2000 telescopic davit has been designed for this application. SOLAS emergency system is provided by a UPS battery package.</p>	
<p>HN-10000 for Royal Navy (UK) HMS Protector</p>	<p>Vestdavit was chosen to deliver the mission-critical workboat davit for the Royal Navy's research vessel HMS Protector, to be deployed in the Antarctic. The HN-10000 davit is fully SOLAS-compliant, with independent wave compensation and self-levelling, and is computer controlled for safer operation.</p>	
<p>PLR-3600 for US Navy Aircraft Carriers</p>	<p>Vestdavit PLR-3600 MOB boat davits are installed on board all US Navy's CVN class of aircraft carriers.</p>	

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