

# SAFE AT SEA

We keep you safe all the way



 **Vanguard**  
Lifeboat

[www.vanguardlifeboat.com](http://www.vanguardlifeboat.com)

# ABOUT US



- One of the world's most trusted lifeboat manufacturers
- Headquartered in Singapore, responsible for finance, marketing and sales activities
- A wholly-owned manufacturing plant situated in Nantong, China responsible for product engineering and production
- 100% fully acquired by Destini Berhad, a global integrated engineering solutions provider
- We design and manufacture life-saving products for marine and oil and gas industry worldwide
- Products include totally-enclosed lifeboat, fast rescue and rescue boats, self-propelled hyperbaric lifeboat, davit system and lifeboat release and retrieval system
- Worldwide service network provides customers easy access to all our service stations globally
- Provide service training program to all service agents to retain the highest quality maintenance skill to our products



# OUR MILESTONE

All the successful milestones proved the efforts we have done and constantly motivate us strive to provide the best for our customers and the industry.

Licensed agreement with a renowned UK lifeboat manufacturer

1998

Worldwide technical and service support agreement with Techno FIBRE

2003



A 20,000sqm manufacturing facility - Vanguard Nantong F.R.P Co., Ltd had been setup

2005



Vanguard's Cjewel won the Llyod's List Award – Asia 2011

2011



Produce state-of-art Self Propelled Hyperbaric Lifeboat

2012



destiniberhad

Vanguard became part of the Destini Berhad

2013

Vanguard Management Restructuring

2014

VANGUARD  
LIFEBOAT

## AT VANGUARD LIFEBOAT...



VISION

To be a **world's leading marine safety and survival provider**, specializing in lifeboats and davits, providing a first class service and quality solutions for our customers.



MISSION

To ensure our products help save the lives of seafarer at all times.

To constantly innovate and improve our products by complying with international maritime quality standards and customer requirements.

To train our Service Engineers to the highest standards.

To provide quality service and support globally.



Quality  
Assured

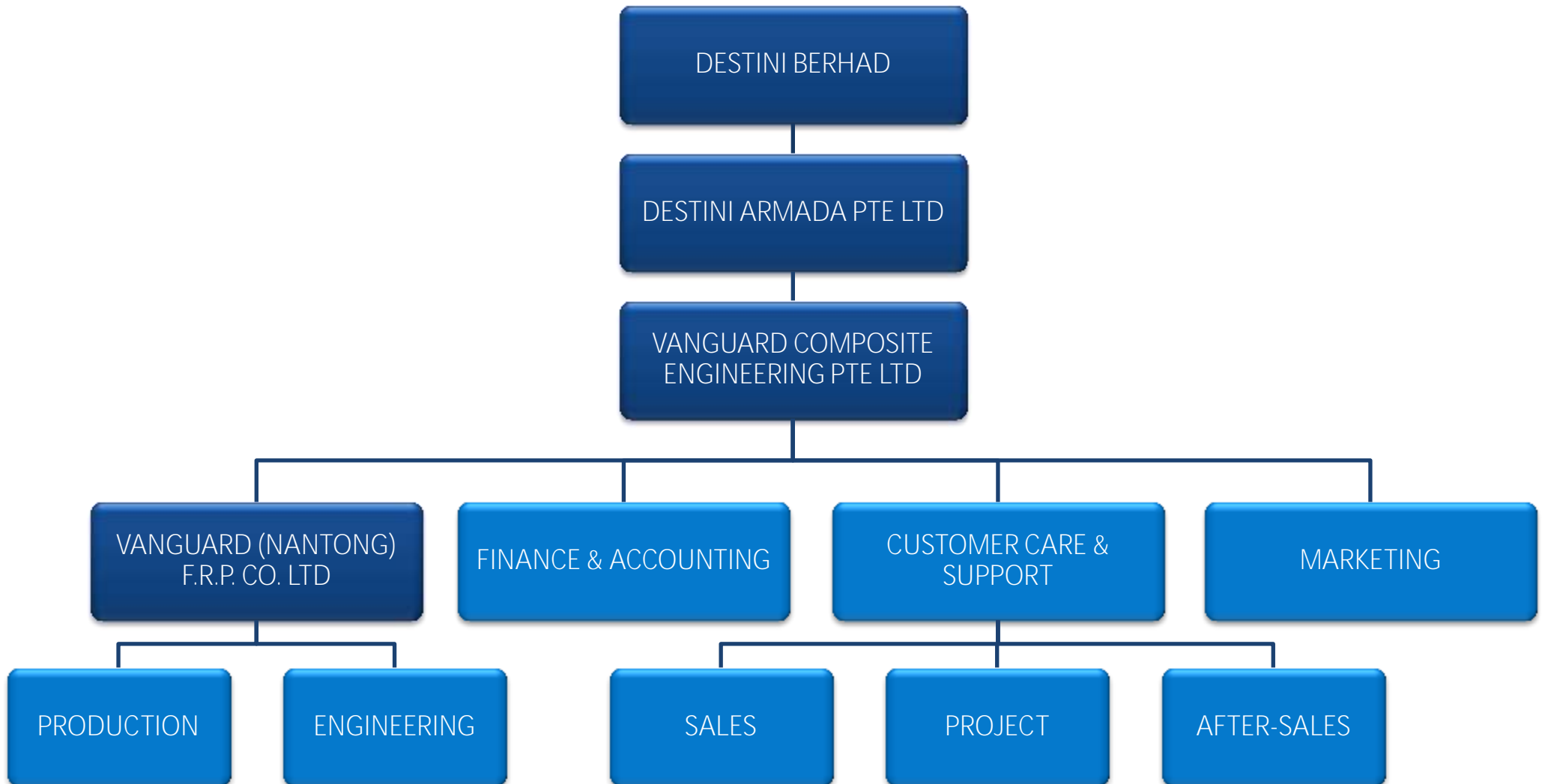
Solution  
Focus

Total  
Training  
Provider

Global  
Service  
Network

Cost  
Effective

# ORGANIZATION STRUCTURE



# OUR FACILITIES

Vanguard operates a 20,000sqm wholly-owned manufacturing plant in Nantong, China. All our products have gone through a series of stringent experiments and examinations. Every production stages have been highly controlled and supervised by the designated department and personnel. We strive to provide the best quality products to the customers globally.

№ 0522100

 <b>中华人民共和国外商投资企业 批准证书</b> <b>CERTIFICATE OF APPROVAL</b> FOR ESTABLISHMENT OF ENTERPRISES WITH FOREIGN INVESTMENT IN THE PEOPLE'S REPUBLIC OF CHINA	<b>企业名称</b> CHINESE 万固(南通)玻璃钢有限公司		
	<b>英文名称</b> ENGLISH VANGUARD(NANTONG)F. L.P. CO., LTD		
<b>企业地址</b> ADDRESS 江苏省南通市通州区三余镇工业集中区			
<b>企业类型</b> TYPE OF BUSINESS 外资企业	<b>经营年限</b> DURATION OF BUSINESS 持续年		
<b>投资总额</b> TOTAL INVESTMENT 壹佰捌拾万美元			
<b>注册资本</b> REGISTERED CAPITAL 壹佰贰拾捌万美元			
<b>经营范围</b> BUSINESS SCOPE 玻璃钢船艇、玻璃钢制品、救生设备的生产、维修及销售。			
<b>批准号</b> APPROVAL NUMBER 商外资 苏府商字[2005]58216号	<b>投资者名称(中、英文)</b> NAME OF INVESTOR(S) (CHINESE AND ENGLISH) 万固玻璃钢制品有限公司 VANGUARD COMPOSITE ENGINEERING PTE. LTD.	<b>注册地</b> PLACE OF REGISTRATION 新加坡	<b>出资额</b> CAPITAL CONTRIBUTION 壹佰捌拾万美元
<b>进出口企业代码</b> CODE FOR IMPORT AND EXPORT ENTERPRISE 3200775411024			
<b>批准日期</b> DATE OF APPROVAL 二〇〇五年			
<b>发证日期</b> DATE OF ISSUE 二〇〇五年			
<b>发证序号</b> 3200153098			

附录 1





# PRODUCTION GUARANTEE



All Vanguard's products have been assessed and certified by various classification societies. We constantly innovate and improve our products through dialog with customers and all the Authorities to ensure we meet the market needs and align with the latest regulations.

- ISO Quality Management System Certificate for Product Design, Manufacture and Sales
- ISO Quality Management System Certificate for Product Sales and Marketing





VANGUARD  
LIFEBOAT

# OUR STRENGTH

DESIGN &  
ENGINEERING



RESEARCH &  
DEVELOPMENT



MANUFACTURE



SERVICE &  
MAINTENANCE



SERVICE  
TRAINING  
PROGRAM





VANGUARD  
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# OUR PRODUCTS







# TOTALLY ENCLOSED LIFEBOAT



HAEAN  
SWL 68TON X 8.5M-15M  
SWL 8TON X 8.5M-50.7M

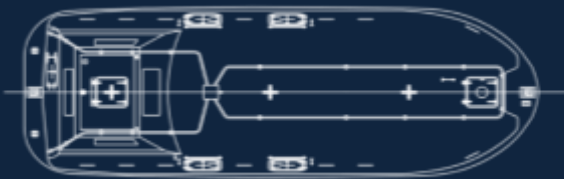
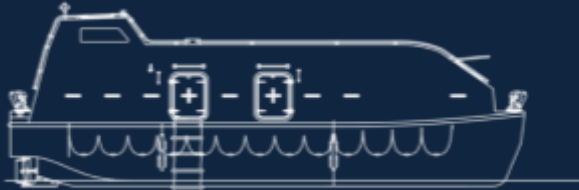
Waguard

OTTO 5  
PANAMA  
75 PERSONS  
8.50 x 3.20 x 3.30

# PRODUCT – TOTALLY-ENCLOSED LIFEBOAT

## DRY CARGO VERSION

MODEL	DIMENSION (L x B x D) M	CAPACITY (MEN)	SPEED (KNOTS)	HOOK DIST. (M)	UNLOADED (KG)	LOADED (KG)
VG5.7C	5.7 x 2.3 x 3.1	30	≥ 6	5.30	2,273	4,748
VG7.5C	7.5 x 2.86 x 3.35	66	≥ 6	7.10	3,225	8,665
VG8.5C	8.5 x 3.2 x 3.3	85	≥ 6	8.10	4,354	11,367
VG10.5C	10.5 x 3.7 x 3.75	120	≥ 6	10.05	6,450	16,350
VG12.05C	12.05 x 3.85 x 3.7	150	≥ 6	11.38	7,080	19,455



## TANKER VERSION

MODEL	DIMENSION (L x B x D) M	CAPACITY (MEN)	SPEED (KNOTS)	HOOK DIST. (M)	UNLOADED (KG)	LOADED (KG)
VG5.7F	5.7 x 2.3 x 3.1	30	≥ 6	5.30	2,611	5,086
VG7.5F	7.5 x 2.86 x 3.35	66	≥ 6	7.10	3,500	8,945
VG8.5F	8.5 x 3.2 x 3.3	85	≥ 6	8.10	4,685	11,698
VG10.5F	10.5 x 3.7 x 3.75	120	≥ 6	10.05	6,900	16,800
VG12.05F	12.05 x 3.85 x 3.7	150	≥ 6	11.38	7,500	19,875

\*All weight is measured based on 82.5kg/pax





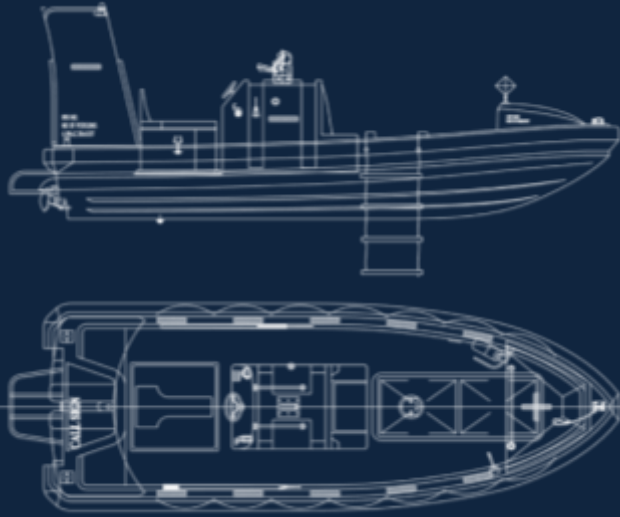
# FAST RESCUE / RESCUE BOAT





# PRODUCT – FAST RESCUE/ RESCUE BOAT

## FAST RESCUE BOATS



MODEL	DIMENSION (L x B x D) M	CAPACITY (MEN)	SPEED (KNOTS)	ENGINE	UNLOADED (KG)	LOADED (KG)
VG6.0FRW (ABS)	6.00 x 2.30 x 0.87	15	≥ 8	Yanmar 4LHA-HTP/ Yanmar 4LHA-DTP/ Bukh Seasall D170J	1,550	2,788
VG6.0FRW (DNV/ BV)	6.44 x 2.30 x 0.87	15	≥ 8		1,550	2,788
VG6.0FRW (LR/ LR-EC)	6.40 x 2.29 x 0.87	15	≥ 8		1,565	2,803
VG6.0FRK (ABS)	6.00 x 2.30 x 0.87	15	≥ 8	Mercury 90HP	1,250	2,488
VG6.0FRK (DNV/ BV)	6.46 x 2.30 x 0.87	15	≥ 8		1,250	2,488
VG6.0FRK (LR/ LR-EC)	6.40 x 2.29 x 0.87	15	≥ 8		1,250	2,488

## RESCUE BOATS

MODEL	DIMENSION (L x B x D) M	CAPACITY (MEN)	SPEED (KNOTS)	ENGINE	UNLOADED (KG)	LOADED (KG)
VG4.0KR	4.00 x 1.86 x 0.85	8	≥ 6	Mercury 25HP/ Mercury 40HP	500	1,160
VG4.5DR4	4.50 x 2.00 x 0.85	8	≥ 6	Bukh DV29 RME/ 380J-3	830	1,490
VG4.5DRS	4.50 x 2.00 x 0.85	8	≥ 6		830	1,490

\*All weight is measured based on 82.5kg/pax



# HYPERBARIC LIFEBOAT (SPHL)



# PRODUCT – SELF-PROPELLED HYPERBARIC LIFEBOAT (SPHL)



In the event of a major incident, the Self-Propelled Hyperbaric Lifeboat (SPHL) is to excavate and rescue the divers from the dive support vessel while they are under a hyperbaric condition.

**Vanguard's Self-Propelled Hyperbaric Lifeboat (SPHL)** are designed and built to SOLAS 86 regulations and CLASS approved by ABS and DNV. The boat is integrated with a hyperbaric chamber and a fully equipped saturation diving system.

The lifeboat is designed to be launched by a gravity davit system, equipped with release and retrieval system - 'Csafe' Hook. The system supports all launching and recovery functions as required by IMO/SOLAS/ABS.

MODEL	DIMENSION (L x W x D) M	CAPACITY (MEN)	SPEED (KNOTS)	HOOK DIST. (M)	LOADED (KG)
VG1050HY/12HLE	10.58 x 3.78 x 3.75	12 + 4	≥ 6	10.05	15,248
VG1050HY/15HLE	10.58 x 3.78 x 3.75	15 + 4	≥ 6	10.05	15,646
VG1050HY/18HLE	10.58 x 3.78 x 3.75	18 + 4	≥ 6	10.05	18,700
VG1205HY/24HLE	12.05 x 3.85 x 3.70	24 + 4	≥ 6	11.38	24,300

\*All weight is measured based on 82.5kg/pax



# OUR CLIENTS

- ALI ALGHANIM & SONS
- ASL YARD
- BOSKALIS
- BW OFFSHORE
- CHEVRON
- COSALT OFFSHORE
- DAMEN SHIPYARD
- DRAGONS OFFSHORE
- DDW-PAXOCEAN
- DP Offshore Engineering
- EAST MARINE
- EMAS OFFSHORE
- ENSCO
- EZRA MARINE

- FAST OFFSHORE SUPPLY PTE LTD
- GO MARINE
- HALLIN MARINE
- IHC ASIA PACIFIC
- JAYA HOLDINGS LIMITED
- JAYA SHIPBUILDING AND ENGINEERING PTE LTD
- JURONG SHIPYARD PTE LTD
- KEPPEL SHIPYARD PTE LTD
- KNOC
- KREUZ
- LEXMAR
- M3NERGY OFFSHORE LIMITED
- MAERSK
- MERMAID MARINE

- MODEC
- NANTONG RAINBOW OFFSHORE
- NANTONG TONGSHUN
- NAM CHEONG
- NAVAMAR
- NEPTUNE
- OTTO MARINE
- PACIFIC CREST
- PACIFIC RADIANCE LTD
- PAXOCEAN
- PETRONAS
- PETROVIETNAM
- POET
- SAIPEM

- SAPURA ACERGY SDN BHD
- SAPURAKENCANA
- SAUDI ARAMCO
- SBM OFFSHORE
- SURVITEC GROUP LIMITED (UK)
- SWIBER
- TAI KONG HOLDINGS
- TECHNIP
- TOPAZ MARINE
- TRINITY OFFSHORE
- TRIYARD
- WINTERMAR OFFSHORE
- ULTRA DEEP SOLUTIONS
- ULSTEIN
- XIAMEN SHIPBUILDING



# OUR DELIVERED PROJECTS

FAST OFFSHORE SUPPLY PTE LTD



ASL SHIPYARD



POSH



SWIBER RAWABI



MMA OFFSHORE



SAPURA ACERGY





# DAVIT SYSTEMS

SINGLE ARM DAVIT SYSTEM



PLATFORM DAVIT SYSTEM



HYDRAULIC DAVIT SYSTEM



A FRAME DAVIT SYSTEM



GRAVITY DAVIT SYSTEM





# FALL PREVENTION DEVICES

Vanguard's state-of-art Fall Prevention Devices (Fibre Strops) serve as an additional safety device incorporated between **the lifeboat's hook release system and the fore and aft davit system**. Meeting the guidelines set in MSC 1392, the fibre strops are an ideal and cost-effective additional safety measure. Tested and witnessed by the American Bureau of Shipping (ABS) and various Class Certificates.

## Key features:

- High strength to weight ratio, 15 times stronger than steel
- High visibility reflective jacket especially at night
- Corrosion-resistant, oil-resistant, rot-proof and UV-resistant
- Light weight and easy to operate
- Fitted with thimbles at both ends enabling fitment of the FPD Strop to the floating chain/ block

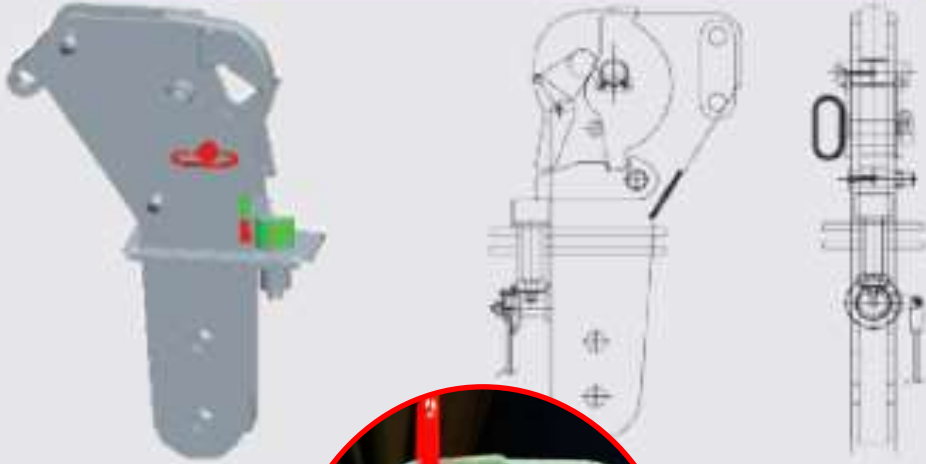
## Technical specifications:

- Diameter 18mm x length approx. 700mm
- Safe working load: 6.5 tons per strop
- Max breaking load: 39 tons per strop



# LIFEBOAT RELEASE & RETRIEVAL SYSTEM (LRRS) - **VANGUARD'S 'CSAFE' HOOK**

## **"Csafe" ON / OFF LOAD RELEASE HOOK**



Vanguard's 'Csafe' Hook which performs maximum safety and quality for most of the types of lifeboat. It has been developed to be compliant with the latest LSA Code Amendments as amended by IMO/MSC. 1/Circ. 1392 Regulations and has been approved by the CLASS Societies.

- Available in 3.5 tons, 5 tons, 8.5 tons, 10 tons and 14 tons
- Assembled with waterproof cable
- Retrofitted to most makes of lifeboat
- User-friendly operating system
- Constructed with stainless steel and corrosion resistant material
- 'Fail Safe' Design to counter all climates and conditions

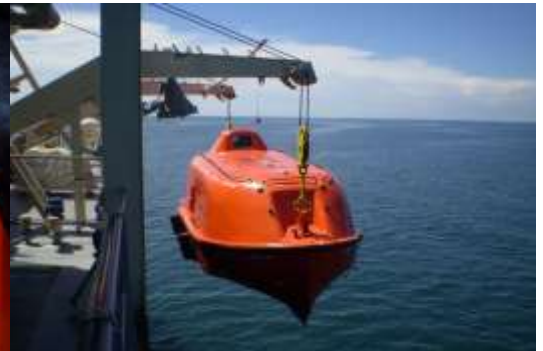


**'Fail Safe' Design**



VANGUARD  
LIFEBOAT

# OUR SERVICES





# Your Lifesaving Solution Your Lifetime Service Partner



IMO  
NOTICE!

# LIFEBOAT HOOK RETROFIT/ MODIFICATION

Amendments carried by IMO regulations to SOLAS Chapter III and the LSA Code, ship owners/ builders to replace their old system with new LRRS (Lifeboat Release and Retrieval System) not later than the next scheduled dry-docking after 1 July 2014, but no later than 1 July 2019.

To fulfil and facilitate our customers with the latest IMO regulations, Vanguard has developed the 'Csafe' Hook which provides maximum safety and quality for most types of lifeboat. We operate a global service network to carry out comprehensive Hook Retrofit Services for all our customers worldwide.

Let Vanguard ensure you a smooth planning and installation of your current LRRS.

## Our Services:

- Dedicated project manager to overlook the whole retrofit project
- Planning and evaluating the solutions
- Manage the overhaul examination with final report issued
- Hook retrofit / modification program includes lifeboat measurement & calculation, fibreglass / boat modification, keel shoes and hook installation
- Performance testing

BEFORE



AFTER



VANGUARD  
LIFEBOAT

# WORLDWIDE SERVICE NETWORK

Your nearest Vanguard's service centre is never far away.

Vanguard's worldwide service network is ready to serve you throughout the whole product's lifetime.

LIFEBOAT,  
FAST RESCUE/  
RESCUE BOAT  
COMMISSIONING



ANNUAL  
INSPECTION &  
5-YEARLY  
MAINTENANCE



OEM'S  
EQUIPMENT &  
SPARE PARTS

HOOK  
RETROFIT



LIFEBOAT  
REPAIR &  
REFURBISHMENT



Please call us at +65 6887 5034 or email us at [custserv@vanguardlifeboat.com](mailto:custserv@vanguardlifeboat.com) for assistance. We will find you the nearest service station.



## SERVICE TRAINING PROGRAM

Vanguard holds an intrinsic belief that the safety of equipment is only as good as the service.

At Vanguard, we offers a one-week comprehensive training program spearheaded by a highly experienced and motivated trainers to enhance the capability and quality of our service agents through hand-on courses, on-site visit, lectures and networking opportunities with industrial partners.

We make sure all **Vanguard's** authorized service agents are at the forefront of the industry, equipped the understanding of all the latest skill and knowledge.



### VANGUARD TRAINING PROGRAM MODULE

- A Business Model recommended for specialized skills in Lifeboat Servicing
- Latest SOLAS / IMO Regulations Familiarization
- Annual Inspection Theory
- Annual Inspection Practical
- Lifeboat/ Rescue Boat Commissioning Theory
- Lifeboat/ Rescue Boat Commissioning Theory
- 5-Yearly Maintenance/ Overhaul Theory
- 5-Yearly Maintenance/ Overhaul Practical
- Understanding of Fall Prevention Devices
- Understanding of Vanguard Csafe Hook Release System
- Installation of Vanguard Csafe Hook Release System (Retrofitting)
- Davit Systems Servicing Training
- Fiberglass Repair Theory
- Fiberglass Repair Practical

To find out the latest training program schedule, please visit [www.vanguardlifeboat.com](http://www.vanguardlifeboat.com) or email us at [marketing@vanguardlifeboat.com](mailto:marketing@vanguardlifeboat.com)

**“SAFETY LIES AT THE HEART OF EVERYTHING  
VANGUARD DOES AND WE RECOGNIZE THAT THE  
LIVES OF PEOPLE AT SEA ARE ONLY AS SAFE AS  
THE EQUIPMENT THEY OPERATE...”**

- Alastair John Bisset,  
*CEO of Vanguard lifeboat*



VANGUARD  
LIFEBOAT

# THANKS FOR VIEWING

To find out more about Vanguard Lifeboat,  
please visit us at [www.vanguardlifeboat.com](http://www.vanguardlifeboat.com) or email us at [custserv@vanguardlifeboat.com](mailto:custserv@vanguardlifeboat.com)