

## PROFESSIONAL CRAFT INTRODUCTION

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CHINA STATE SHIPBUILDING CORPORATION LIMITED  
CSSC QINGDAO BEIHAI SHIPBUILDING CO., LTD BOAT BUILDING YARD



## OUR BOAT BUILDING YARD

Qingdao Boat Building Yard was established in 1983. Qingdao is a world class builder of GRP and aluminum alloy work boats. Their manufacturing, construction and training facilities cover over 750,000 sf. "BH" brand products have been approved by 18 classification societies including ABS and DNV, and their construction process is USCG approved.

The boat building yard is capable of constructing more than 800 different boat designs using either GRP or aluminum. With over 100 service locations worldwide, Qingdao can provide timely and effective inspection, maintenance, repair, spares and training.

**WORKSHOP OVERVIEW**



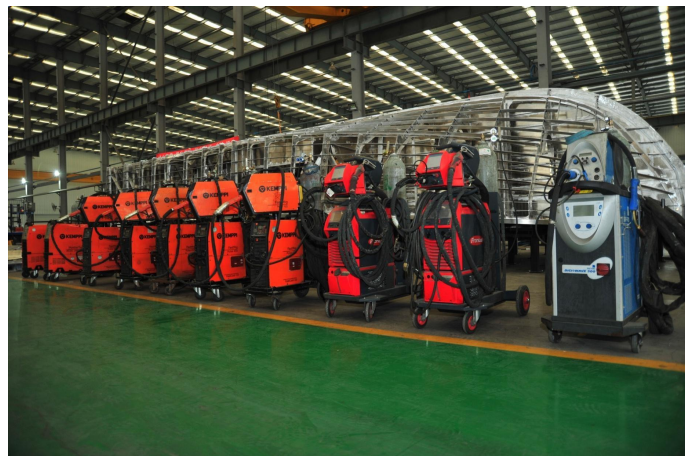
**WORKSHOP OVERVIEW**



**WORKSHOP OVERVIEW**



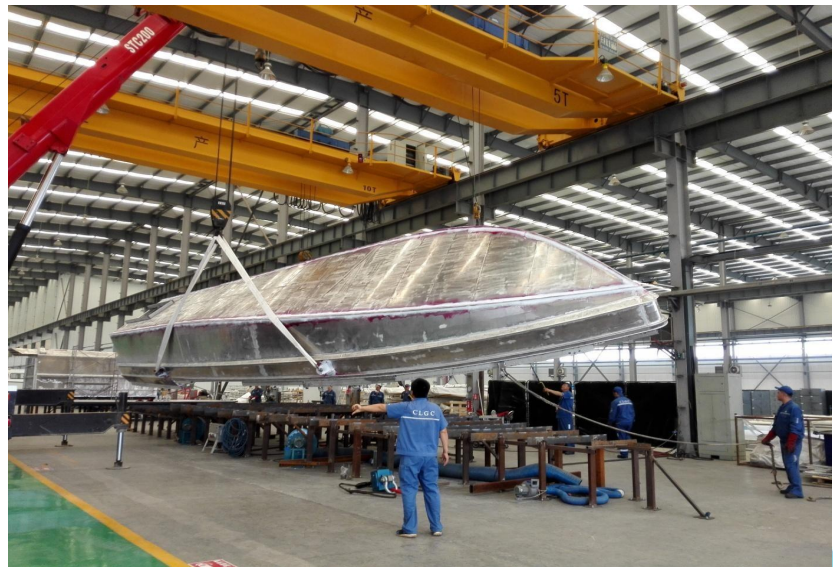
**WORKSHOP OVERVIEW**



## WORKSHOP OVERVIEW



**WORKSHOP OVERVIEW**





WORKSHOP OVERVIEW





**WORKSHOP OVERVIEW**



WORKSHOP OVERVIEW



# INTERNATIONAL ACTIVITIES

## EXHIBITION IN USA



## MSC PRODUCT AUDIT

PRODUCT TEST ATTENDANCE

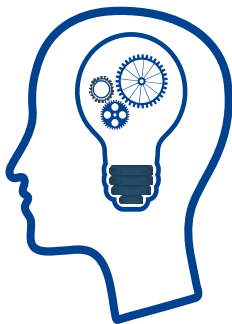


## USCG FACTORY AUDIT



## EUROPE EXPERT PRODUCTION GUIDANCE

Partner: ALUBAT(FRANCE) & Design: KEWATEC(FINLAND)



**UNMANNED SURFACE VEHICLE**

SCIENTIFIC RESEARCH "CHINARE" IN SOUTH POLE



**OFFICIAL BOATS**

COAST GUARD



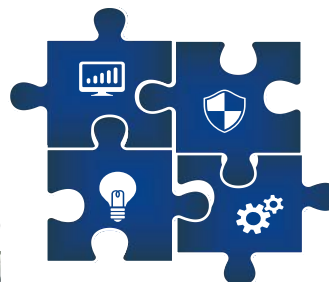
**PILOT BOATS**

HONG KONG MARITIME



**YACHT**

58 FT YACHTING (EUROPE DESIGN)



**MANAGEMENT SYSTEM**



### 管理体系认证证书

注册号码: 129695-2013-AQ-RCC-BVA      首次发证日期: 2013年01月29日      有效期至: 2023年01月29日 - 2025年01月29日

兹证明

**中国船舶集团青岛北海造船有限公司**


中国山东省青岛经济技术开发区黑龙江路369号、365号，邮编：266520  
统一社会信用代码：913702007335097010

质量管理体系符合：  
**GB/T 19001-2016/ISO 9001:2015**标准

此证书对下列产品或服务范围有效：  
**船舶、海洋工程及其海上钢结构的设计和制造**

证书制作地点及日期：  
上海，2022年01月29日





高海峰  
中国区总经理

证书制作地点及日期：  
上海，2022年01月29日

注册号码: 129695-2013-AQ-RCC-BVA      首次发证日期: 2013年01月29日      有效期至: 2023年01月29日 - 2025年01月29日

DNV Business Assurance  
中国船舶集团青岛北海造船有限公司  
地址: 中国山东省青岛经济技术开发区黑龙江路369号, 365号  
邮编: 266520    电话: +86 53 22795000

For the issuing office:  
DNV Business Assurance  
Bolt A, Building 9, No.124 Hongqiao Road, Changyang District, Shanghai  
200330, P.R. China  
TEL: +86 21 22795000


Place and date:  
Shanghai, 29 January, 2022

For the issuing office:  
DNV Business Assurance  
Bolt A, Building 9, No.124 Hongqiao Road, Changyang District, Shanghai  
200330, P.R. China  
TEL: +86 21 22795000

Zhu Hai Ming  
Management Representative

除非另有说明，DNV Business Assurance B.V. (27061020) 和 IAF 2018/2019/21，THE NETHERLANDS，NO.11101001，www.dnv.com  
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**ISO 9001:2015**



### MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 129695-2013-AQ-RCC-BVA      Initial certification date: 29 January, 2013      Valid: 29 January, 2022 - 29 January, 2025

This is to certify that the management system of




**CSSC Qingdao Beihai Shipbuilding Co., Ltd.**

No. 369 & No. 365 Lijiang Dong Road, Qingdao Economic & Technology Development Zone, Qingdao City, Shandong Province, P.R. China, 266520

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2015**

This certificate is valid for the following scope:  
**Design and Manufacture of Ship, Offshore Unit and Marine Steel Structure**

Place and date:  
Shanghai, 29 January, 2022

For the issuing office:  
DNV Business Assurance  
Bolt A, Building 9, No.124 Hongqiao Road, Changyang District, Shanghai  
200330, P.R. China  
TEL: +86 21 22795000

Place and date:  
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**ISO 14001:2015**



### 管理体系认证证书

注册号码: 129695-2013-AQ-RCC-BVA      首次发证日期: 2013年01月29日      有效期至: 2023年01月29日 - 2025年01月29日

兹证明

**中国船舶集团青岛北海造船有限公司**

中国山东省青岛经济技术开发区黑龙江路369号、365号，邮编：266520

职业健康安全管理体系符合：  
**ISO 45001:2018**标准

此证书对下列产品或服务范围有效：  
**船舶、海洋工程及其海上钢结构的设计和制造**

该获证企业持有OHSAS 18001:2007 获证证书自2013年01月29日至2018年04月17日

证书制作地点及日期：  
上海，2022年01月29日





For the issuing office:  
DNV Business Assurance  
Bolt A, Building 9, No.124 Hongqiao Road, Changyang District, Shanghai  
200330, P.R. China  
TEL: +86 21 22795000

Place and date:  
Shanghai, 29 January, 2022

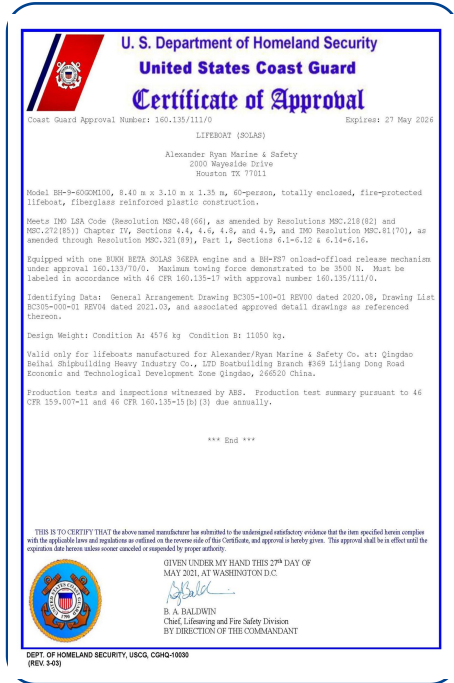
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**ISO 45001:2018**

# PRODUCT QUALIFICATION



**U. S. Department of Homeland Security  
United States Coast Guard  
Certificate of Approval**

Coast Guard Approval Number: 160.135/111/0 Expires: 27 May 2026

LIFEBOAT (SOLAS)

Alexander Ryan Marine & Safety  
2000 Wayside Drive  
Houston TX 77011

Model BH-9=802M100, 8.40 m x 3.10 m x 1.35 m, 60-person, totally enclosed, fire-protected lifeboat, fibreglass reinforced plastic construction.

Meets IMO LSA Code (Resolution MSC.48(66), as amended by Resolutions MSC.216(82) and MSC.272(85)) Chapter IV, Sections 4.4, 4.5, 4.8, and 4.9, and IMO Resolution MSC.81(70), as amended through Resolution MSC.321(89), Part 1, Sections 6.1+6.10 & 6.14+6.16.

Equipped with one BWH BETA SOLAS 30EPA engine and a BH-FR7 on-load-offload release mechanism under approval 160.133/76/0. Maximum towing force demonstrated to be 3950 N. Must be labeled in accordance with 46 CFR 160.135-17 with approval number 160.135/111/0.

Identifying Data: General Arrangement Drawing BC305-100-01 REV00 dated 2020-09, Drawing List BC305-100-01 REV04 dated 2021-03, and associated approved detail drawings as referenced thereon.

Design Weight: Condition A: 4576 kg Condition B: 11050 kg.


Valid only for lifeboats manufactured for Alexander/Ryan Marine & Safety Co. at: Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd. Shipbuilding Branch: 8359 Bijiang Dong Road Economic and Technological Development Zone Qingdao, 266520 China.

Production tests and inspections witnessed by ABS. Production test summary pursuant to 46 CFR 159.007-11 and 46 CFR 160.135-15(b)(3) due annually.

\*\*\* End \*\*\*

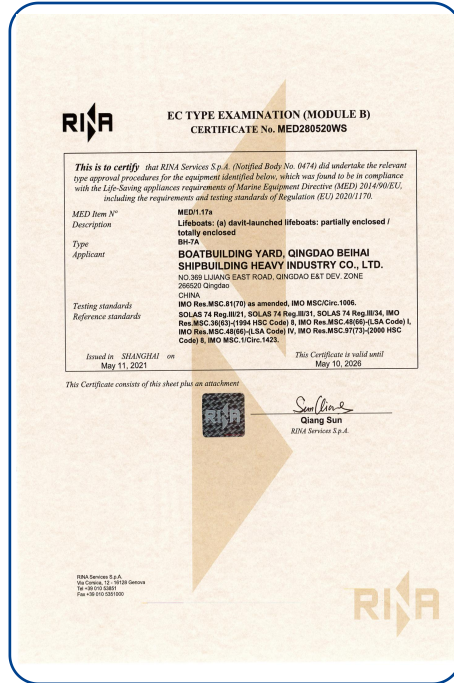
THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the validated satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined in the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date herein unless review cancelled or suspended by proper authority.

GIVEN UNDER MY HAND THIS 27<sup>TH</sup> DAY OF MAY 2024 AT WASHINGTON D.C.

  
B. A. BALDWIN  
Chief, Life-saving and Fire Safety Division  
BY DIRECTION OF THE COMMANDANT

DEPT. OF HOMELAND SECURITY, USCG, CGHQ-1030 (REV. 3-03)

USCG APPROVAL




**RINA** EC TYPE EXAMINATION (MODULE B)  
CERTIFICATE No. MED280520WS

*This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Life-Saving appliances requirements of Marine Equipment Directive (MED) 2016/90/EU, including the requirements and testing standards of Regulation (EU) 2020/1170.*

<b>MED Item N°</b>	MED1.17a
<b>Description</b>	Lifeboats: (d) davit-launched lifeboats: partially enclosed / totally enclosed
<b>Type</b>	BH-7A
<b>Applicant</b>	BOATBUILDING YARD, QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD. NO.388 LUJIANG EAST ROAD, QINGDAO EAST DEV. ZONE 266520 Qingdao CHINA
<b>Testing standards</b>	IMO Res.MSC.81(70) as amended; IMO MSC/Circ.1086
<b>Reference standards</b>	SOLAS 74 Reg.II/21; SOLAS 74 Reg.II/21.1; SOLAS 74 Reg.II/24; IMO Res.MSC.38(5) (1994 HSC Code) 8; IMO Res.MSC.48(66) (LSA Code) 8; IMO Res.MSC.48(66) (LSA Code) 8; IMO Res.MSC.81(70) (2008 HSC Code) 8; IMO MSC.1/Circ.1423.

Issued in SHANGHAI on May 11, 2024 This Certificate is valid until May 10, 2028

*This Certificate consists of this sheet plus an attachment*

  
Qiang Sun  
RINA Services S.p.A.

RINA Services S.p.A.  
Via Venezia, 12 - 00187 Roma  
Tel. +39 06 52001000

RINA APPROVAL



**DNV-GL**  
Certificate No. TAL00000029

**TYPE APPROVAL CERTIFICATE**

**This is to certify:**  
**That the Lifeboats**

with type designation(s)  
**BH-F900A**

Issued to  
**Boatbuilding Yard, Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd.**  
Qingdao, Shandong, China

is found to comply with  
**SOLAS 74 as amended, Regulation III/4, III/21, III/31, III/34 & X/7, LSA Code, IMO MSC/Circ. 1008 & 1423, and 2008 HSC Code 8**

**Application:**  
**Free fall lifeboat - cargo version**

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV-GL.**

Issued at **Hevik** on **2019-10-14**

This Certificate is valid until **2024-10-13**  
DNV-GL local station: **Dalian**

Approval Engineer: **Tessa Biever**

for **DNV-GL**  
Digital Signature: Tessa Biever, Dalian  
Location: DNV-GL, Dalian, Dalian

**Mårten Scheel-Nilsson**  
Head of Section

This Certificate is subject to terms and conditions outlined. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of the equipment/units installed.

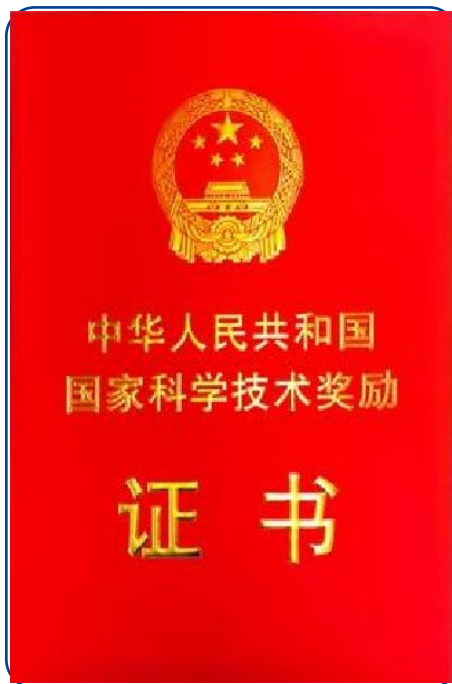
Form code: TA 210 Revision: 2016-12 www.dnvgl.com Page 1 of 4  
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DNV APPROVAL





ENTERPRISE HONOR



CHINA NATIONAL AWARD TECHNOLOGICAL INVENTION

## PILOT BOATS

Due to the light displacement, it can maintain low fuel consumption at high speed. The hull is divided into five watertight compartments, and the cab can be completely dry in all weather conditions. The entire hull retains a full standing height, which plays a vital role in meeting ergonomic work and maintenance operations.





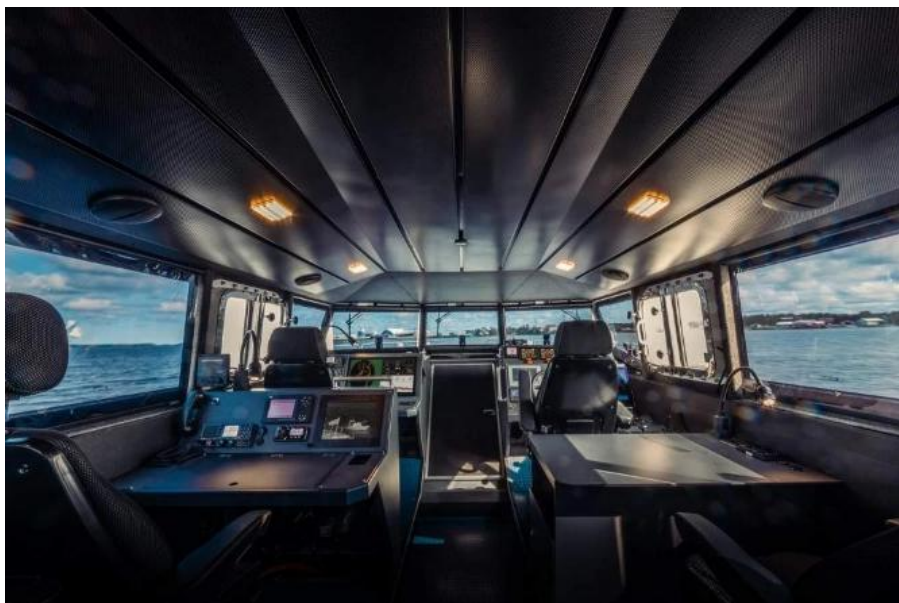
## PILOT BOATS

Sufficient maintenance space is reserved around the location of the host and main equipment. The cab is elastically connected, which creates an unusually low noise level. All individual high-quality shock absorbing seats can be adjusted according to the user's weight and high speed.

## Products List of Pilot Boats

TYPE	PILOT 1170 WJ	PILOT 1200	PILOT 1500	PILOT 1800	PILOT 1850 WJ	PILOT 1950
TOTAL LENGTH	11.68m	12.00m	15.00m	18.00m	18.50m	4.8m
WIDTH	3.6m	4.20m	4.90m	4.60m	4.73m	4.73m
DRAFT	0.65m	1.20m	1.20m	1.20m	0.80m	0.86m
DISPLACEMENT	10t	12t	16t	22t	22t	32t
ENGINE	2×350HP	2×350HP	2×450HP	2×550HP	2×500HP	2×829HP
PROPULSION MODE	Water Jet	Propeller	Propeller	Propeller	Water Jet	Propeller
TANK	500L	800L	1600L	4×600L	4×600L	2×2200L
CREWS	3	3	3	3	3	5
PASSAGERS	6	6	6	11	11	8
SPEED	30 knots	27 knots	27 knots	24 knots	27 knots	28 knots

BRIDGE CONTROL



CABINS



ENGINE ROOM



**Professional**

**Service Capability**

The average service experience of a global service engineer is more than 15 years. Domestic china service are mainly carried by factory professional technicians and customized professional service can be provided according to the wishes of clients.

**Global Network**

We have more than 100 service facilities all over the world and covering more than 40 countries and major ports in the five continents.

**Authority**

**Global Tracking and Sufficient Spares**

Vessel tracking to arrange worldwide continuous service. Factory sufficient material reserves to provide spares support.

**Effective**