



Certificate Number	22-5158349-A
Effective Date	05 August 2022
Expiry Date	04 August 2025
ABS Port Office	Guangzhou, China
Company's Website	<a href="http://www.oceanrichmarine.com">www.oceanrichmarine.com</a>

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## CERTIFICATE OF Recognized Service Supplier

This is to certify that

### **OCEAN RICH MARINE ENGINEERING CO., LIMITED**

located at

**No.1, Niluo Road, Xintang Town, Zengcheng District, Guangzhou, China**

having been audited by ABS and having given a satisfactory practical demonstration of the service listed below, is recognized by ABS as a Service Supplier to provide services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys.

### **Fire Extinguishing Systems Inspection/Maintenance**

Attached Certificate Appendix provides specific scope of approval, authorized personnel, manufacturer authorizations, and subcontractors.

It is the responsibility of the Service Supplier to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the Service Supplier is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. Where required by the category of service, the Service Supplier shall provide valid evidence that it is authorized or licensed by the equipment manufacturer to service the makes and models of equipment for which approval is sought. If approval from the manufacturer is not attained, a surveyor must be present at time of survey to continue work. Alternatively, current written instructions from the flag state are to be obtained to continue work without the surveyor present. Service Suppliers must present photo identification, evidence of qualification and authorizations from manufacturers, as applicable, at the time of service.

The ABS office issuing this certificate is to be kept updated with changes to the management of the company, employees, equipment and models on the authorization list and any changes made.



## TERMS AND CONDITIONS

The issuance and interpretation of this Certificate of Service Recognition (hereinafter referred to as "certificate") is subject to the following terms and conditions.

### 1. REPRESENTATIONS AS TO SERVICE RECOGNITION

The Certificate is a representation only that the specified Company has been audited by ABS and has given a satisfactory practical demonstration of the listed services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys and is issued solely for the use of ABS and its committees. The validity, applicability and interpretation of this certificate are governed by the Rules, Guides, or standards of ABS who shall remain the sole judge thereof.

### 2. RESPONSIBILITY AND LIABILITY

The Company is not a subcontractor of ABS and is not an agent of ABS for any purpose. The Company remains solely responsible for its equipment, the qualifications and competency of its personnel, the supervision of its personnel, and the safety of its personnel while performing its services. Nothing contained in this certificate or any letter or report issued in contemplation of this certificate shall be deemed to relieve Company or any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied nor to create any interest, right, claim or benefit in any third party. It is understood and agreed that nothing expressed herein is intended or shall be construed to give any person, firm or corporation, other than the parties hereto, any right, remedy or claim hereunder; all provisions hereof are for the sole and exclusive benefit of the parties hereto.

### 3. LIMITATION

ABS makes no representations beyond those contained herein regarding its reports, letters, audits, certificates or other services.

### 4. HOLD HARMLESS

The party to whom this certificate is issued, and his assignee and successor in interest, agree to indemnify and hold harmless ABS from and against any and all claims, demands, lawsuits, or actions for damages, including legal fees, to persons and property, tangible, intangible, or otherwise which may be brought against ABS incidental to, arising out of or in connection with the work done, services performed or material to be furnished under this certificate, except for those claims caused solely and completely by the negligence of ABS, its agents, employees, officers, directors or subcontractors.

Company shall defend, indemnify, and hold harmless ABS and its affiliates from and against any and all third party claims and

liabilities (including, without limitation, reasonable attorneys' fees and costs), regardless of the form of action, arising out of or in connection with a claim that the service(s) offered by Company for which Company has sought recognition from ABS, infringes, violates, or misappropriates a valid third party patent, copyright, or other proprietary right, provided that Company is promptly notified in writing of such claim, and ABS has not reached any compromise or settlement in such action or made any admissions in respect of the same.

### 5. ARBITRATION

Any and all differences and disputes of whatsoever nature arising out of or relating to this certificate shall be put to arbitration in the City of New York pursuant to the laws relating to arbitration there in force, before a board of three persons, consisting of one arbitrator to be appointed by ABS, one by Company, and one by the two so chosen. The decision of any two of the three on any point or points shall be final. Until such time as the arbitrators finally close the hearings either party shall have the right by written notice served on the arbitrators and on an officer of the other party to specify further disputes or difference under this Agreement for hearing and determination. The arbitration is to be conducted in accordance with the rules of the Society of Maritime Arbitrators, Inc. The arbitrators may grant any relief, other than punitive damages which they, or a majority of them, deem just and equitable and within the scope of the agreement of the parties, including, but not limited to, specific performance. Awards made in pursuance to this clause may include costs including a reasonable allowance for attorney's fees and judgment may be entered upon any award made hereunder in any court having jurisdiction. ABS and Company hereby mutually waive any and all claims to punitive damages in any forum. Company shall be required to notify ABS within thirty (30) days of the commencement of any arbitration between it and third parties which may concern ABS' work in connection with this certificate and shall afford ABS an opportunity, at ABS' sole option, to participate in the arbitration.

### 6. TIME BAR TO LEGAL ACTION

Any statutes of limitation notwithstanding, Company expressly agrees for itself and its affiliated companies that its right to bring or to assert against ABS any and all claims, demands or proceedings whether in arbitration or otherwise shall be waived unless (a) notice is received by ABS within thirty (30) days after Company or its affiliates had notice of or should reasonably have been expected to have had notice of the basis for such claims; and (b) arbitration or legal proceedings, if any, based on such claims or

demands of whatever nature are commenced within one year of the date of such notice to ABS.

### 7. LIMITATION OF LIABILITY

The combined liability of American Bureau of Shipping, its officers, employees, agents or subcontractors for any loss, claim, or damage arising from negligent performance or non-performance of any services under this Agreement, or from breach of any implied or express warranty of workmanlike performance in connection with the services, or from any other reason, to any person, corporation, partnership, business entity, sovereign, country or nation, shall be limited to the greater of a) \$100,000 or b) an amount equal to ten times the sum actually paid for the services alleged to be deficient. The limitation of liability may be increased up to an amount twenty-five times that sum paid for services upon receipt of Company's written request at or before the time of performance of service and upon payment by Company of an additional fee of \$10 for every \$1,000.00 increase in the limitation.

### 8. ETHICS AND COMPLIANCE

Falsification of this certificate, including any alterations by an entity other than ABS, may result in actions against the culpable entity up to and including legal proceedings for the misrepresentation of this document. Measures may include but are not limited to the immediate and indefinite suspension of the certificate in question, delisting of the entity from ABS online certification database, and immediate restriction of use of the authorized ABS service logos. Upon investigation by ABS, ABS reserves the right to permanently disqualify the implicated entity or its Principals from holding any service certifications from ABS.

This certificate is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited.



## APPENDIX TO ABS SERVICE SUPPLIER CERTIFICATION NO. 22-5158349-A

### Scope of Approval, Limitations or Restrictions

Validity of this Certificate is subject to annual audits as required by China MSA's Administrative Measures for Ship Maintenance and Inspection Service.

The service recognition is for

- 1) Fixed fire extinguishing systems
  - Gas/CO2 systems
  - Pressure water-spraying and water-mist systems
  - Foam systems
  - Automatic sprinkler systems
- 2) Portable fire extinguishers
- 3) Fire/smoke detection & alarm systems

### Authorized Personnel

Supervisors: Zhang, Desheng; Lyu, Hao; Chen, Hongzheng;

Operators: Wu, Hongwei; Zhang, Yuntao; Liu, Yong.

### Quality Manager

Zhang, Desheng

### Authorization(s) from Equipment Manufacturers and Flag Administrations\*

NINGBO YONGHANG FIRE EQUIPMENT CO.,LTD

- Fixed fire extinguishing systems (All types)
- Gas/CO2 systems (All types)
- Pressure water-spraying and water-mist systems (All types)
- Foam systems (All types)

### Subcontractor and Scope of Subcontracting Work

N/A

NOTE: This certificate evidence compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the Terms and Conditions on the above page hereof and by the Rules, Guides or Standards of the American Bureau of Shipping, who shall remain the sole judge thereof.

\* For statutory related activities, unless specially directed by the Administration, this approval is not to be construed as a substitute or a Flag Administration's approval for the purpose of SOLAS (2020 Consolidated Edition), as amended.





Certificate Number	22-5158349-B
Effective Date	05 August 2022
Expiry Date	04 August 2025
ABS Port Office	Guangzhou, China
Company's Website	<a href="http://www.oceanrichmarine.com">www.oceanrichmarine.com</a>

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## CERTIFICATE OF Recognized Service Supplier

This is to certify that

### **OCEAN RICH MARINE ENGINEERING CO., LIMITED**

located at

**No.1, Niluo Road, Xintang Town, Zengcheng District, Guangzhou, China**

having been audited by ABS and having given a satisfactory practical demonstration of the service listed below, is recognized by ABS as a Service Supplier to provide services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys.

#### **Self Contained Breathing Apparatus Maintenance**

Attached Certificate Appendix provides specific scope of approval, authorized personnel, manufacturer authorizations, and subcontractors.

It is the responsibility of the Service Supplier to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the Service Supplier is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. Where required by the category of service, the Service Supplier shall provide valid evidence that it is authorized or licensed by the equipment manufacturer to service the makes and models of equipment for which approval is sought. If approval from the manufacturer is not attained, a surveyor must be present at time of survey to continue work. Alternatively, current written instructions from the flag state are to be obtained to continue work without the surveyor present. Service Suppliers must present photo identification, evidence of qualification and authorizations from manufacturers, as applicable, at the time of service.

The ABS office issuing this certificate is to be kept updated with changes to the management of the company, employees, equipment and models on the authorization list and any changes made.





## TERMS AND CONDITIONS

The issuance and interpretation of this Certificate of Service Recognition (hereinafter referred to as "certificate") is subject to the following terms and conditions.

### 1. REPRESENTATIONS AS TO SERVICE RECOGNITION

The Certificate is a representation only that the specified Company has been audited by ABS and has given a satisfactory practical demonstration of the listed services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys and is issued solely for the use of ABS and its committees. The validity, applicability and interpretation of this certificate are governed by the Rules, Guides, or standards of ABS who shall remain the sole judge thereof.

### 2. RESPONSIBILITY AND LIABILITY

The Company is not a subcontractor of ABS and is not an agent of ABS for any purpose. The Company remains solely responsible for its equipment, the qualifications and competency of its personnel, the supervision of its personnel, and the safety of its personnel while performing its services. Nothing contained in this certificate or any letter or report issued in contemplation of this certificate shall be deemed to relieve Company or any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied nor to create any interest, right, claim or benefit in any third party. It is understood and agreed that nothing expressed herein is intended or shall be construed to give any person, firm or corporation, other than the parties hereto, any right, remedy or claim hereunder; all provisions hereof are for the sole and exclusive benefit of the parties hereto.

### 3. LIMITATION

ABS makes no representations beyond those contained herein regarding its reports, letters, audits, certificates or other services.

### 4. HOLD HARMLESS

The party to whom this certificate is issued, and his assignee and successor in interest, agree to indemnify and hold harmless ABS from and against any and all claims, demands, lawsuits, or actions for damages, including legal fees, to persons and property, tangible, intangible, or otherwise which may be brought against ABS incidental to, arising out of or in connection with the work done, services performed or material to be furnished under this certificate, except for those claims caused solely and completely by the negligence of ABS, its agents, employees, officers, directors or subcontractors.

Company shall defend, indemnify, and hold harmless ABS and its affiliates from and against any and all third party claims and

liabilities (including, without limitation, reasonable attorneys' fees and costs), regardless of the form of action, arising out of or in connection with a claim that the service(s) offered by Company for which Company has sought recognition from ABS, infringes, violates, or misappropriates a valid third party patent, copyright, or other proprietary right, provided that Company is promptly notified in writing of such claim, and ABS has not reached any compromise or settlement in such action or made any admissions in respect of the same.

### 5. ARBITRATION

Any and all differences and disputes of whatsoever nature arising out of or relating to this certificate shall be put to arbitration in the City of New York pursuant to the laws relating to arbitration there in force, before a board of three persons, consisting of one arbitrator to be appointed by ABS, one by Company, and one by the two so chosen. The decision of any two of the three on any point or points shall be final. Until such time as the arbitrators finally close the hearings either party shall have the right by written notice served on the arbitrators and on an officer of the other party to specify further disputes or difference under this Agreement for hearing and determination. The arbitration is to be conducted in accordance with the rules of the Society of Maritime Arbitrators, Inc. The arbitrators may grant any relief, other than punitive damages which they, or a majority of them, deem just and equitable and within the scope of the agreement of the parties, including, but not limited to, specific performance. Awards made in pursuance to this clause may include costs including a reasonable allowance for attorney's fees and judgment may be entered upon any award made hereunder in any court having jurisdiction. ABS and Company hereby mutually waive any and all claims to punitive damages in any forum. Company shall be required to notify ABS within thirty (30) days of the commencement of any arbitration between it and third parties which may concern ABS' work in connection with this certificate and shall afford ABS an opportunity, at ABS' sole option, to participate in the arbitration.

### 6. TIME BAR TO LEGAL ACTION

Any statutes of limitation notwithstanding, Company expressly agrees for itself and its affiliated companies that its right to bring or to assert against ABS any and all claims, demands or proceedings whether in arbitration or otherwise shall be waived unless (a) notice is received by ABS within thirty (30) days after Company or its affiliates had notice of or should reasonably have been expected to have had notice of the basis for such claims; and (b) arbitration or legal proceedings, if any, based on such claims or

demands of whatever nature are commenced within one year of the date of such notice to ABS.

### 7. LIMITATION OF LIABILITY

The combined liability of American Bureau of Shipping, its officers, employees, agents or subcontractors for any loss, claim, or damage arising from negligent performance or non-performance of any services under this Agreement, or from breach of any implied or express warranty of workmanlike performance in connection with the services, or from any other reason, to any person, corporation, partnership, business entity, sovereign, country or nation, shall be limited to the greater of a) \$100,000 or b) an amount equal to ten times the sum actually paid for the services alleged to be deficient. The limitation of liability may be increased up to an amount twenty-five times that sum paid for services upon receipt of Company's written request at or before the time of performance of service and upon payment by Company of an additional fee of \$10 for every \$1,000.00 increase in the limitation.

### 8. ETHICS AND COMPLIANCE

Falsification of this certificate, including any alterations by an entity other than ABS, may result in actions against the culpable entity up to and including legal proceedings for the misrepresentation of this document. Measures may include but are not limited to the immediate and indefinite suspension of the certificate in question, delisting of the entity from ABS online certification database, and immediate restriction of use of the authorized ABS service logos. Upon investigation by ABS, ABS reserves the right to permanently disqualify the implicated entity or its Principals from holding any service certifications from ABS.

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## APPENDIX TO ABS SERVICE SUPPLIER CERTIFICATION NO. 22-5158349-B

### Scope of Approval, Limitations or Restrictions

Validity of this Certificate is subject to annual audits as required by China MSA's Administrative Measures for Ship Maintenance and Inspection Service.

The service recognition is for inspection and maintenance of self-contained breathing apparatus (SCBA) and emergency escape breathing devices (EEBD).

### Authorized Personnel

Supervisors: Zhang, Desheng; Lyu, Hao; Chen, Hongzheng;

Operators: Wu, Hongwei; Zhang, Yuntao; Liu, Yong.

### Quality Manager

Zhang, Desheng

### Authorization(s) from Equipment Manufacturers and Flag Administrations\*

N/A

### Subcontractor and Scope of Subcontracting Work

N/A

NOTE: This certificate evidence compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the Terms and Conditions on the above page hereof and by the Rules, Guides or Standards of the American Bureau of Shipping, who shall remain the sole judge thereof.

\* For statutory related activities, unless specially directed by the Administration, this approval is not to be construed as a substitute or a Flag Administration's approval for the purpose of SOLAS (2020 Consolidated Edition), as amended.



Certificate Number	23-5962303-A
Effective Date	27-Jul-2023
Expiry Date	26-Jul-2024
ABS Port Office	ABS Dalian Branch
Company's Website	www.oceanrichmarine.com

## CERTIFICATE OF Recognized Service Supplier

This is to certify that

**OCEAN RICH MARINE TECHNOLOGY CO.,LTD**

located at

Room B306-8, No.170 Huadong Road, Ganjingzi District, Dalian,China

having been audited by ABS and is issued a **one-year provisional approval** pending a satisfactory practical demonstration and reporting of the service listed below.

### **Remote Inspection Techniques as An Alternative Means for Close-up Survey of Ships and Mobile Offshore Units**

**Attached Certificate Appendix provides specific scope of approval, authorized personnel, manufacturer authorizations and subcontractors.**

It is the responsibility of the Service Supplier to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the Service Supplier is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. Where required by the category of service, the Service Supplier shall provide valid evidence that it is authorized or licensed by the equipment manufacturer to service the particular makes and models of equipment for which approval is sought. If approval from the manufacturer is not attained, a surveyor must be present at time of survey to continue work. Alternatively, current written instructions from the flag state are to be obtained to continue work without the surveyor present. Service technicians must present photo identification, evidence of authorizations from manufacturers, as applicable, at the time of service.

The ABS office issuing this certificate is to be kept updated with changes to the management of the company, its employees, equipment and models on the authorization list and any changes made.

\_\_\_\_\_  
Zhao, Jing-Peng, Surveyor







## TERMS AND CONDITIONS

The issuance and interpretation of this Certificate of Service Recognition (hereinafter referred to as "certificate") is subject to the following terms and conditions.

### 1. REPRESENTATIONS AS TO SERVICE RECOGNITION

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### 2. RESPONSIBILITY AND LIABILITY

The Company is not a subcontractor of ABS and is not an agent of ABS for any purpose. The Company remains solely responsible for its equipment, the qualifications and competency of its personnel, the supervision of its personnel, and the safety of its personnel while performing its services. Nothing contained in this certificate or any letter or report issued in contemplation of this certificate shall be deemed to relieve Company or any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied nor to create any interest, right, claim or benefit in any third party. It is understood and agreed that nothing expressed herein is intended or shall be construed to give any person, firm or corporation, other than the parties hereto, any right, remedy or claim hereunder; all provisions hereof are for the sole and exclusive benefit of the parties hereto.

### 3. LIMITATION

ABS makes no representations beyond those contained herein regarding its reports, letters, audits, certificates or other services.

### 4. HOLD HARMLESS

The party to whom this certificate is issued, and his assignee and successor in interest, agree to indemnify and hold harmless ABS from and against any and all claims, demands, lawsuits, or actions for damages, including legal fees, to persons and property, tangible, intangible, or otherwise which may be brought against ABS incidental to, arising out of or in connection with the work done, services performed or material to be furnished under this certificate, except for those claims caused solely and completely by the negligence of ABS, its agents, employees, officers, directors or subcontractors.

Company shall defend, indemnify, and hold harmless ABS and its affiliates from and against any and all third party claims and liabilities (including, without limitation, reasonable attorneys' fees and costs), regardless of the form of action, arising out of or in connection with a claim that the service(s) offered by Company for which Company has sought recognition from ABS, infringes, violates, or misappropriates a valid third party patent, copyright, or other proprietary right, provided that Company is promptly notified in writing of such claim, and ABS has not reached any compromise or settlement in such action or made any admissions in respect of the same.

### 5. ARBITRATION

Any and all differences and disputes of whatsoever nature arising out of or relating to this certificate shall be put to arbitration in the City of New York pursuant to the laws relating to arbitration there in force, before a board of three persons, consisting of one arbitrator to be appointed by ABS, one by Company, and one by the two so chosen. The decision of any two of the three on any point or points shall be final. Until such time as the arbitrators finally close the hearings either party shall have the right by written notice served on the arbitrators and on an officer of the other party to specify further disputes or difference under this Agreement for hearing and determination. The arbitration is to be conducted in accordance with the rules of the Society of Maritime Arbitrators, Inc. The arbitrators may grant any relief, other than punitive damages which they, or a majority of them, deem just and equitable and within the scope of the agreement of the parties, including, but not limited to, specific performance. Awards made in pursuance to this clause may include costs including a reasonable allowance for attorney's fees and judgment may be entered upon any award made hereunder in any court having jurisdiction. ABS and Company hereby mutually waive any and all claims to punitive damages in any forum. Company shall be required to notify ABS within thirty (30) days of the commencement of any arbitration between it and third parties which may concern ABS' work in connection with this certificate and shall afford ABS an opportunity, at ABS' sole option, to participate in the arbitration.

### 6. TIME BAR TO LEGAL ACTION

Any statutes of limitation notwithstanding, Company expressly agrees for itself and its affiliated companies that its right to bring or to assert against ABS any and all claims, demands or proceedings whether in

arbitration or otherwise shall be waived unless (a) notice is received by ABS within thirty (30) days after Company or its affiliates had notice of or should reasonably have been expected to have had notice of the basis for such claims; and (b) arbitration or legal proceedings, if any, based on such claims or demands of whatever nature are commenced within one year of the date of such notice to ABS.

### 7. LIMITATION OF LIABILITY

The combined liability of American Bureau of Shipping, its officers, employees, agents or subcontractors for any loss, claim, or damage arising from negligent performance or non-performance of any services under this Agreement, or from breach of any implied or express warranty of workmanlike performance in connection with the services, or from any other reason, to any person, corporation, partnership, business entity, sovereign, country or nation, shall be limited to the greater of a) \$100,000 or b) an amount equal to ten times the sum actually paid for the services alleged to be deficient. The limitation of liability may be increased up to an amount twenty-five times that sum paid for services upon receipt of Company's written request at or before the time of performance of service and upon payment by Company of an additional fee of \$10 for every \$1,000.00 increase in the limitation.

### 8. ETHICS AND COMPLIANCE

Falsification of this certificate, including any alterations by an entity other than ABS, may result in actions against the culpable entity up to and including legal proceedings for the misrepresentation of this document. Measures may include but are not limited to the immediate and indefinite suspension of the certificate in question, delisting of the entity from ABS online certification database, and immediate restriction of use of the authorized ABS service logos. Upon investigation by ABS, ABS reserves the right to permanently disqualify the implicated entity or its Principals from holding any service certifications from ABS.

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## APPENDIX TO ABS SERVICE SUPPLIER CERTIFICATION NO. 23-5962303-A

### **Scope of Approval, Limitations or Restrictions**

Pending demonstration carried out and a final certificate issued.

Company representatives must present evidence of qualifications when carrying out the service.

The service recognition is for use of Climbers to conduct Close-up Survey of Ship

### **Authorized Personnel**

Xu, Ya-Nan; Liang, Ru-Yu; Xu, Ya-Lin

### **Quality Manager**

Zhao, Jing-Tao

### **Manufacturer's Authorizations**

N/A

### **Subcontractor and Scope of Subcontracting Work**

N/A

**NOTE:** This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the Terms and Conditions on the above page hereof and by the Rules, Guides or Standards of the American Bureau of Shipping, who shall remain the sole judge thereof.



Certificate Number	23-5815715-B
Effective Date	28 April 2023
Expiry Date	13 April 2025
ABS Port Office	Dalian Branch Office
Company's Website	www.oceanrichmarine.com

## CERTIFICATE OF Recognized Service Supplier

This is to certify that

**OCEAN RICH MARINE TECHNOLOGY CO.,LTD**

located at

Room B306-8, No.170 Huadong Road, Ganjingzi District, Dalian, China

having been audited by ABS and having given a satisfactory practical demonstration of the service listed below, is recognized by ABS as a Service Supplier to provide services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys.

### **Hull Gauging**

**Attached Certificate Appendix provides specific scope of approval, authorized personnel, manufacturer authorizations, and subcontractors.**

It is the responsibility of the Service Supplier to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the Service Supplier is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. Where required by the category of service, the Service Supplier shall provide valid evidence that it is authorized or licensed by the equipment manufacturer to service the makes and models of equipment for which approval is sought. If approval from the manufacturer is not attained, a surveyor must be present at time of survey to continue work. Alternatively, current written instructions from the flag state are to be obtained to continue work without the surveyor present. Service Suppliers must present photo identification, evidence of qualification and authorizations from manufacturers, as applicable, at the time of service.

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### 2. RESPONSIBILITY AND LIABILITY

The Company is not a subcontractor of ABS and is not an agent of ABS for any purpose. The Company remains solely responsible for its equipment, the qualifications and competency of its personnel, the supervision of its personnel, and the safety of its personnel while performing its services. Nothing contained in this certificate or any letter or report issued in contemplation of this certificate shall be deemed to relieve Company or any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied nor to create any interest, right, claim or benefit in any third party. It is understood and agreed that nothing expressed herein is intended or shall be construed to give any person, firm or corporation, other than the parties hereto, any right, remedy or claim hereunder; all provisions hereof are for the sole and exclusive benefit of the parties hereto.

### 3. LIMITATION

ABS makes no representations beyond those contained herein regarding its reports, letters, audits, certificates or other services.

### 4. HOLD HARMLESS

The party to whom this certificate is issued, and his assignee and successor in interest, agree to indemnify and hold harmless ABS from and against any and all claims, demands, lawsuits, or actions for damages, including legal fees, to persons and property, tangible, intangible, or otherwise which may be brought against ABS incidental to, arising out of or in connection with the work done, services performed or material to be furnished under this certificate, except for those claims caused solely and completely by the negligence of ABS, its agents, employees, officers, directors or subcontractors.

Company shall defend, indemnify, and hold harmless ABS and its affiliates from and against any and all third party claims and

liabilities (including, without limitation, reasonable attorneys' fees and costs), regardless of the form of action, arising out of or in connection with a claim that the service(s) offered by Company for which Company has sought recognition from ABS, infringes, violates, or misappropriates a valid third party patent, copyright, or other proprietary right, provided that Company is promptly notified in writing of such claim, and ABS has not reached any compromise or settlement in such action or made any admissions in respect of the same.

### 5. ARBITRATION

Any and all differences and disputes of whatsoever nature arising out of or relating to this certificate shall be put to arbitration in the City of New York pursuant to the laws relating to arbitration there in force, before a board of three persons, consisting of one arbitrator to be appointed by ABS, one by Company, and one by the two so chosen. The decision of any two of the three on any point or points shall be final. Until such time as the arbitrators finally close the hearings either party shall have the right by written notice served on the arbitrators and on an officer of the other party to specify further disputes or difference under this Agreement for hearing and determination. The arbitration is to be conducted in accordance with the rules of the Society of Maritime Arbitrators, Inc. The arbitrators may grant any relief, other than punitive damages which they, or a majority of them, deem just and equitable and within the scope of the agreement of the parties, including, but not limited to, specific performance. Awards made in pursuance to this clause may include costs including a reasonable allowance for attorney's fees and judgment may be entered upon any award made hereunder in any court having jurisdiction. ABS and Company hereby mutually waive any and all claims to punitive damages in any forum. Company shall be required to notify ABS within thirty (30) days of the commencement of any arbitration between it and third parties which may concern ABS' work in connection with this certificate and shall afford ABS an opportunity, at ABS' sole option, to participate in the arbitration.

### 6. TIME BAR TO LEGAL ACTION

Any statutes of limitation notwithstanding, Company expressly agrees for itself and its affiliated companies that its right to bring or to assert against ABS any and all claims, demands or proceedings whether in arbitration or otherwise shall be waived unless (a) notice is received by ABS within thirty (30) days after Company or its affiliates had notice of or should reasonably have been expected to have had notice of the basis for such claims; and (b) arbitration or legal proceedings, if any, based on such claims or

demands of whatever nature are commenced within one year of the date of such notice to ABS.

### 7. LIMITATION OF LIABILITY

The combined liability of American Bureau of Shipping, its officers, employees, agents or subcontractors for any loss, claim, or damage arising from negligent performance or non-performance of any services under this Agreement, or from breach of any implied or express warranty of workmanlike performance in connection with the services, or from any other reason, to any person, corporation, partnership, business entity, sovereign, country or nation, shall be limited to the greater of a) \$100,000 or b) an amount equal to ten times the sum actually paid for the services alleged to be deficient. The limitation of liability may be increased up to an amount twenty-five times that sum paid for services upon receipt of Company's written request at or before the time of performance of service and upon payment by Company of an additional fee of \$10 for every \$1,000.00 increase in the limitation.

### 8. ETHICS AND COMPLIANCE

Falsification of this certificate, including any alterations by an entity other than ABS, may result in actions against the culpable entity up to and including legal proceedings for the misrepresentation of this document. Measures may include but are not limited to the immediate and indefinite suspension of the certificate in question, delisting of the entity from ABS online certification database, and immediate restriction of use of the authorized ABS service logos. Upon investigation by ABS, ABS reserves the right to permanently disqualify the implicated entity or its Principals from holding any service certifications from ABS.

This certificate is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited.



## APPENDIX TO ABS SERVICE SUPPLIER CERTIFICATION NO. 23-5815715-B

### Scope of Approval, Limitations or Restrictions

Validity of this Certificate is subject to annual audits as required by China MSA's Administrative Measures for Ship Maintenance and Inspection Service.

The service recognition is for thickness measurement of hull structure on non-ESP/ESDC vessels.

### Authorized Personnel

Dai Yu, Wang Wen-Quan, Wang Zhen, Zhang Shuai-Peng, Ma Jing-Tao

### Quality Manager

Dai Yu

### Authorization(s) from Equipment Manufacturers and Flag Administrations\*

N/A

### Subcontractor and Scope of Subcontracting Work

N/A

**NOTE:** This certificate evidence compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the Terms and Conditions on the above page hereof and by the Rules, Guides or Standards of the American Bureau of Shipping, who shall remain the sole judge thereof.

\* For statutory related activities, unless specially directed by the Administration, this approval is not to be construed as a substitute or a Flag Administration's approval for the purpose of SOLAS (2020 Consolidated Edition), as amended.



Certificate Number	23-5815715-A
Effective Date	28 April 2023
Expiry Date	13 April 2025
ABS Port Office	Dalian Branch Office
Company's Website	www.oceanrichmarine.com

## CERTIFICATE OF Recognized Service Supplier

This is to certify that

### **OCEAN RICH MARINE TECHNOLOGY CO.,LTD**

located at

**Room B306-8, No.170 Huadong Road, Ganjingzi District, Dalian, China**

having been audited by ABS and having given a satisfactory practical demonstration of the service listed below, is recognized by ABS as a Service Supplier to provide services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys.

### **ESP Hull Gauging**

**Attached Certificate Appendix provides specific scope of approval, authorized personnel, manufacturer authorizations, and subcontractors.**

It is the responsibility of the Service Supplier to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the Service Supplier is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. Where required by the category of service, the Service Supplier shall provide valid evidence that it is authorized or licensed by the equipment manufacturer to service the makes and models of equipment for which approval is sought. If approval from the manufacturer is not attained, a surveyor must be present at time of survey to continue work. Alternatively, current written instructions from the flag state are to be obtained to continue work without the surveyor present. Service Suppliers must present photo identification, evidence of qualification and authorizations from manufacturers, as applicable, at the time of service.

The ABS office issuing this certificate is to be kept updated with changes to the management of the company, employees, equipment and models on the authorization list and any changes made.





## TERMS AND CONDITIONS

The issuance and interpretation of this Certificate of Service Recognition (hereinafter referred to as "certificate") is subject to the following terms and conditions.

### 1. REPRESENTATIONS AS TO SERVICE RECOGNITION

The Certificate is a representation only that the specified Company has been audited by ABS and has given a satisfactory practical demonstration of the listed services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys and is issued solely for the use of ABS and its committees. The validity, applicability and interpretation of this certificate are governed by the Rules, Guides, or standards of ABS who shall remain the sole judge thereof.

### 2. RESPONSIBILITY AND LIABILITY

The Company is not a subcontractor of ABS and is not an agent of ABS for any purpose. The Company remains solely responsible for its equipment, the qualifications and competency of its personnel, the supervision of its personnel, and the safety of its personnel while performing its services. Nothing contained in this certificate or any letter or report issued in contemplation of this certificate shall be deemed to relieve Company or any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied nor to create any interest, right, claim or benefit in any third party. It is understood and agreed that nothing expressed herein is intended or shall be construed to give any person, firm or corporation, other than the parties hereto, any right, remedy or claim hereunder; all provisions hereof are for the sole and exclusive benefit of the parties hereto.

### 3. LIMITATION

ABS makes no representations beyond those contained herein regarding its reports, letters, audits, certificates or other services.

### 4. HOLD HARMLESS

The party to whom this certificate is issued, and his assignee and successor in interest, agree to indemnify and hold harmless ABS from and against any and all claims, demands, lawsuits, or actions for damages, including legal fees, to persons and property, tangible, intangible, or otherwise which may be brought against ABS incidental to, arising out of or in connection with the work done, services performed or material to be furnished under this certificate, except for those claims caused solely and completely by the negligence of ABS, its agents, employees, officers, directors or subcontractors.

Company shall defend, indemnify, and hold harmless ABS and its affiliates from and against any and all third party claims and

liabilities (including, without limitation, reasonable attorneys' fees and costs), regardless of the form of action, arising out of or in connection with a claim that the service(s) offered by Company for which Company has sought recognition from ABS, infringes, violates, or misappropriates a valid third party patent, copyright, or other proprietary right, provided that Company is promptly notified in writing of such claim, and ABS has not reached any compromise or settlement in such action or made any admissions in respect of the same.

### 5. ARBITRATION

Any and all differences and disputes of whatsoever nature arising out of or relating to this certificate shall be put to arbitration in the City of New York pursuant to the laws relating to arbitration there in force, before a board of three persons, consisting of one arbitrator to be appointed by ABS, one by Company, and one by the two so chosen. The decision of any two of the three on any point or points shall be final. Until such time as the arbitrators finally close the hearings either party shall have the right by written notice served on the arbitrators and on an officer of the other party to specify further disputes or difference under this Agreement for hearing and determination. The arbitration is to be conducted in accordance with the rules of the Society of Maritime Arbitrators, Inc. The arbitrators may grant any relief, other than punitive damages which they, or a majority of them, deem just and equitable and within the scope of the agreement of the parties, including, but not limited to, specific performance. Awards made in pursuance to this clause may include costs including a reasonable allowance for attorney's fees and judgment may be entered upon any award made hereunder in any court having jurisdiction. ABS and Company hereby mutually waive any and all claims to punitive damages in any forum. Company shall be required to notify ABS within thirty (30) days of the commencement of any arbitration between it and third parties which may concern ABS' work in connection with this certificate and shall afford ABS an opportunity, at ABS' sole option, to participate in the arbitration.

### 6. TIME BAR TO LEGAL ACTION

Any statutes of limitation notwithstanding, Company expressly agrees for itself and its affiliated companies that its right to bring or to assert against ABS any and all claims, demands or proceedings whether in arbitration or otherwise shall be waived unless (a) notice is received by ABS within thirty (30) days after Company or its affiliates had notice of or should reasonably have been expected to have had notice of the basis for such claims; and (b) arbitration or legal proceedings, if any, based on such claims or

demands of whatever nature are commenced within one year of the date of such notice to ABS.

### 7. LIMITATION OF LIABILITY

The combined liability of American Bureau of Shipping, its officers, employees, agents or subcontractors for any loss, claim, or damage arising from negligent performance or non-performance of any services under this Agreement, or from breach of any implied or express warranty of workmanlike performance in connection with the services, or from any other reason, to any person, corporation, partnership, business entity, sovereign, country or nation, shall be limited to the greater of a) \$100,000 or b) an amount equal to ten times the sum actually paid for the services alleged to be deficient. The limitation of liability may be increased up to an amount twenty-five times that sum paid for services upon receipt of Company's written request at or before the time of performance of service and upon payment by Company of an additional fee of \$10 for every \$1,000.00 increase in the limitation.

### 8. ETHICS AND COMPLIANCE

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## APPENDIX TO ABS SERVICE SUPPLIER CERTIFICATION NO. 23-5815715-A

### Scope of Approval, Limitations or Restrictions

Validity of this Certificate is subject to annual audits as required by China MSA's Administrative Measures for Ship Maintenance and Inspection Service.

The service recognition is for thickness measurement of hull structure on ESP vessels.

### Authorized Personnel

Dai Yu, Wang Wen-Quan, Wang Zhen, Zhang Shuai-Peng, Ma Jing-Tao

### Quality Manager

Dai Yu

### Authorization(s) from Equipment Manufacturers and Flag Administrations\*

N/A

### Subcontractor and Scope of Subcontracting Work

N/A

**NOTE:** This certificate evidence compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the Terms and Conditions on the above page hereof and by the Rules, Guides or Standards of the American Bureau of Shipping, who shall remain the sole judge thereof.

\* For statutory related activities, unless specially directed by the Administration, this approval is not to be construed as a substitute or a Flag Administration's approval for the purpose of SOLAS (2020 Consolidated Edition), as amended.



Certificate Number	24-6090593-A
Effective Date	18-January-2024
Expiry Date	17-January-2027
ABS Port Office	Zhoushan, China
Company's Website	NA

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## CERTIFICATE OF Recognized Service Supplier

This is to certify that

**Zhoushan Ever Glory Marine Service Co., Ltd**

located at

No.132, Beichan New Street, Baiquan Town, Dinghai District, Zhoushan, China

having been audited by ABS and having given a satisfactory practical demonstration of the service listed below, is recognized by ABS as a Service Supplier to provide services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys.

### **Fire Extinguishing Systems Inspection/Maintenance**

Attached Certificate Appendix provides specific scope of approval, authorized personnel, manufacturer authorizations, and subcontractors.

It is the responsibility of the Service Supplier to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the Service Supplier is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. Where required by the category of service, the Service Supplier shall provide valid evidence that it is authorized or licensed by the equipment manufacturer to service the makes and models of equipment for which approval is sought. If approval from the manufacturer is not attained, a surveyor must be present at time of survey to continue work. Alternatively, current written instructions from the flag state are to be obtained to continue work without the surveyor present. Service Suppliers must present photo identification, evidence of qualification and authorizations from manufacturers, as applicable, at the time of service.

The ABS office issuing this certificate is to be kept updated with changes to the management of the company, employees, equipment and models on the authorization list and any changes made.





## TERMS AND CONDITIONS

The issuance and interpretation of this Certificate of Service Recognition (hereinafter referred to as "certificate") is subject to the following terms and conditions.

### 1. REPRESENTATIONS AS TO SERVICE RECOGNITION

The Certificate is a representation only that the specified Company has been audited by ABS and has given a satisfactory practical demonstration of the listed services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys and is issued solely for the use of ABS and its committees. The validity, applicability and interpretation of this certificate are governed by the Rules, Guides, or standards of ABS who shall remain the sole judge thereof.

### 2. RESPONSIBILITY AND LIABILITY

The Company is not a subcontractor of ABS and is not an agent of ABS for any purpose. The Company remains solely responsible for its equipment, the qualifications and competency of its personnel, the supervision of its personnel, and the safety of its personnel while performing its services. Nothing contained in this certificate or any letter or report issued in contemplation of this certificate shall be deemed to relieve Company or any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied nor to create any interest, right, claim or benefit in any third party. It is understood and agreed that nothing expressed herein is intended or shall be construed to give any person, firm or corporation, other than the parties hereto, any right, remedy or claim hereunder; all provisions hereof are for the sole and exclusive benefit of the parties hereto.

### 3. LIMITATION

ABS makes no representations beyond those contained herein regarding its reports, letters, audits, certificates or other services.

### 4. HOLD HARMLESS

The party to whom this certificate is issued, and his assignee and successor in interest, agree to indemnify and hold harmless ABS from and against any and all claims, demands, lawsuits, or actions for damages, including legal fees, to persons and property, tangible, intangible, or otherwise which may be brought against ABS incidental to, arising out of or in connection with the work done, services performed or material to be furnished under this certificate, except for those claims caused solely and completely by the negligence of ABS, its agents, employees, officers, directors or subcontractors.

Company shall defend, indemnify, and hold harmless ABS and its affiliates from and against any and all third party claims and

liabilities (including, without limitation, reasonable attorneys' fees and costs), regardless of the form of action, arising out of or in connection with a claim that the service(s) offered by Company for which Company has sought recognition from ABS, infringes, violates, or misappropriates a valid third party patent, copyright, or other proprietary right, provided that Company is promptly notified in writing of such claim, and ABS has not reached any compromise or settlement in such action or made any admissions in respect of the same.

### 5. ARBITRATION

Any and all differences and disputes of whatsoever nature arising out of or relating to this certificate shall be put to arbitration in the City of New York pursuant to the laws relating to arbitration there in force, before a board of three persons, consisting of one arbitrator to be appointed by ABS, one by Company, and one by the two so chosen. The decision of any two of the three on any point or points shall be final. Until such time as the arbitrators finally close the hearings either party shall have the right by written notice served on the arbitrators and on an officer of the other party to specify further disputes or difference under this Agreement for hearing and determination. The arbitration is to be conducted in accordance with the rules of the Society of Maritime Arbitrators, Inc. The arbitrators may grant any relief, other than punitive damages which they, or a majority of them, deem just and equitable and within the scope of the agreement of the parties, including, but not limited to, specific performance. Awards made in pursuance to this clause may include costs including a reasonable allowance for attorney's fees and judgment may be entered upon any award made hereunder in any court having jurisdiction. ABS and Company hereby mutually waive any and all claims to punitive damages in any forum. Company shall be required to notify ABS within thirty (30) days of the commencement of any arbitration between it and third parties which may concern ABS' work in connection with this certificate and shall afford ABS an opportunity, at ABS' sole option, to participate in the arbitration.

### 6. TIME BAR TO LEGAL ACTION

Any statutes of limitation notwithstanding, Company expressly agrees for itself and its affiliated companies that its right to bring or to assert against ABS any and all claims, demands or proceedings whether in arbitration or otherwise shall be waived unless (a) notice is received by ABS within thirty (30) days after Company or its affiliates had notice of or should reasonably have been expected to have had notice of the basis for such claims; and (b) arbitration or legal proceedings, if any, based on such claims or

demands of whatever nature are commenced within one year of the date of such notice to ABS.

### 7. LIMITATION OF LIABILITY

The combined liability of American Bureau of Shipping, its officers, employees, agents or subcontractors for any loss, claim, or damage arising from negligent performance or non-performance of any services under this Agreement, or from breach of any implied or express warranty of workmanlike performance in connection with the services, or from any other reason, to any person, corporation, partnership, business entity, sovereign, country or nation, shall be limited to the greater of a) \$100,000 or b) an amount equal to ten times the sum actually paid for the services alleged to be deficient. The limitation of liability may be increased up to an amount twenty-five times that sum paid for services upon receipt of Company's written request at or before the time of performance of service and upon payment by Company of an additional fee of \$10 for every \$1,000.00 increase in the limitation.

### 8. ETHICS AND COMPLIANCE

Falsification of this certificate, including any alterations by an entity other than ABS, may result in actions against the culpable entity up to and including legal proceedings for the misrepresentation of this document. Measures may include but are not limited to the immediate and indefinite suspension of the certificate in question, delisting of the entity from ABS online certification database, and immediate restriction of use of the authorized ABS service logos. Upon investigation by ABS, ABS reserves the right to permanently disqualify the implicated entity or its Principals from holding any service certifications from ABS.

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## APPENDIX TO ABS SERVICE SUPPLIER CERTIFICATION NO. 24-6090593-A

### Scope of Approval, Limitations or Restrictions

Validity of this Certificate is subject to annual audits as required by China MSA's Administrative Measures for Ship Maintenance and Inspection Service

The service recognition is for

1) Fixed fire extinguishing systems

- Gas/CO2 systems
- Pressure water-spraying and water-mist systems
- Foam systems

2) Portable fire extinguishers

3) Fire/smoke detection & alarm systems

4) Other types: Dry-Powder System

### Authorized Personnel

Zhao, Jing-Tao	(ID: 370211xxxxxxxx2055)
Luo, Xiao-Qiong	(ID: 310225xxxxxxxx0019)
Chen, Tian-Cheng	(ID: 360430xxxxxxxx1316)
Liu, Li-Ming	(ID: 330903xxxxxxxx2530)
Wang, Liang-Bin	(ID: 330902xxxxxxxx2917)
Li, Dong-Jie	(ID: 340223xxxxxxxx441X)
Feng, Xiao-Peng	(ID: 412723xxxxxxxx3819)

### Quality Manager

Zhao, Jing-Tao	(ID: 370211198608172055)
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### Authorization(s) from Equipment Manufacturers and Flag Administrations\*

Ningbo Yonghang Fire Equipment Co., Ltd

### Subcontractor and Scope of Subcontracting Work

Haves Tec Service Co., Ltd.: Foam concentrate analysis

Zhoushan Lanshun Gas Co., Ltd.: CO2 Filling

**NOTE:** This certificate evidence compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the Terms and Conditions on the above page hereof and by the Rules, Guides or Standards of the American Bureau of Shipping, who shall remain the sole judge thereof.

\* For statutory related activities, unless specially directed by the Administration, this approval is not to be construed as a substitute or a Flag Administration's approval for the purpose of SOLAS (2020 Consolidated Edition), as amended.



Certificate Number	24-6090593-B
Effective Date	18-January-2024
Expiry Date	17-January-2027
ABS Port Office	Zhoushan, China
Company's Website	NA

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## CERTIFICATE OF Recognized Service Supplier

This is to certify that

**Zhoushan Ever Glory Marine Service Co., Ltd**

located at

**No.132, Beichan New Street, Baiquan Town, Dinghai District, Zhoushan, China**

having been audited by ABS and having given a satisfactory practical demonstration of the service listed below, is recognized by ABS as a Service Supplier to provide services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys.

### **Self Contained Breathing Apparatus Maintenance**

**Attached Certificate Appendix provides specific scope of approval, authorized personnel, manufacturer authorizations, and subcontractors.**

It is the responsibility of the Service Supplier to employ, train and qualify persons in the service provided. If the service requires approval from manufacturers, the Service Supplier is responsible to maintain contact with the manufacturer and maintain any service manuals up to date. Where required by the category of service, the Service Supplier shall provide valid evidence that it is authorized or licensed by the equipment manufacturer to service the makes and models of equipment for which approval is sought. If approval from the manufacturer is not attained, a surveyor must be present at time of survey to continue work. Alternatively, current written instructions from the flag state are to be obtained to continue work without the surveyor present. Service Suppliers must present photo identification, evidence of qualification and authorizations from manufacturers, as applicable, at the time of service.

The ABS office issuing this certificate is to be kept updated with changes to the management of the company, employees, equipment and models on the authorization list and any changes made.





## TERMS AND CONDITIONS

The issuance and interpretation of this Certificate of Service Recognition (hereinafter referred to as "certificate") is subject to the following terms and conditions.

### 1. REPRESENTATIONS AS TO SERVICE RECOGNITION

The Certificate is a representation only that the specified Company has been audited by ABS and has given a satisfactory practical demonstration of the listed services which ABS Surveyors may rely on to make decisions affecting classification or statutory surveys and is issued solely for the use of ABS and its committees. The validity, applicability and interpretation of this certificate are governed by the Rules, Guides, or standards of ABS who shall remain the sole judge thereof.

### 2. RESPONSIBILITY AND LIABILITY

The Company is not a subcontractor of ABS and is not an agent of ABS for any purpose. The Company remains solely responsible for its equipment, the qualifications and competency of its personnel, the supervision of its personnel, and the safety of its personnel while performing its services. Nothing contained in this certificate or any letter or report issued in contemplation of this certificate shall be deemed to relieve Company or any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied nor to create any interest, right, claim or benefit in any third party. It is understood and agreed that nothing expressed herein is intended or shall be construed to give any person, firm or corporation, other than the parties hereto, any right, remedy or claim hereunder; all provisions hereof are for the sole and exclusive benefit of the parties hereto.

### 3. LIMITATION

ABS makes no representations beyond those contained herein regarding its reports, letters, audits, certificates or other services.

### 4. HOLD HARMLESS

The party to whom this certificate is issued, and his assignee and successor in interest, agree to indemnify and hold harmless ABS from and against any and all claims, demands, lawsuits, or actions for damages, including legal fees, to persons and property, tangible, intangible, or otherwise which may be brought against ABS incidental to, arising out of or in connection with the work done, services performed or material to be furnished under this certificate, except for those claims caused solely and completely by the negligence of ABS, its agents, employees, officers, directors or subcontractors.

Company shall defend, indemnify, and hold harmless ABS and its affiliates from and against any and all third party claims and

liabilities (including, without limitation, reasonable attorneys' fees and costs), regardless of the form of action, arising out of or in connection with a claim that the service(s) offered by Company for which Company has sought recognition from ABS, infringes, violates, or misappropriates a valid third party patent, copyright, or other proprietary right, provided that Company is promptly notified in writing of such claim, and ABS has not reached any compromise or settlement in such action or made any admissions in respect of the same.

### 5. ARBITRATION

Any and all differences and disputes of whatsoever nature arising out of or relating to this certificate shall be put to arbitration in the City of New York pursuant to the laws relating to arbitration there in force, before a board of three persons, consisting of one arbitrator to be appointed by ABS, one by Company, and one by the two so chosen. The decision of any two of the three on any point or points shall be final. Until such time as the arbitrators finally close the hearings either party shall have the right by written notice served on the arbitrators and on an officer of the other party to specify further disputes or difference under this Agreement for hearing and determination. The arbitration is to be conducted in accordance with the rules of the Society of Maritime Arbitrators, Inc. The arbitrators may grant any relief, other than punitive damages which they, or a majority of them, deem just and equitable and within the scope of the agreement of the parties, including, but not limited to, specific performance. Awards made in pursuance to this clause may include costs including a reasonable allowance for attorney's fees and judgment may be entered upon any award made hereunder in any court having jurisdiction. ABS and Company hereby mutually waive any and all claims to punitive damages in any forum. Company shall be required to notify ABS within thirty (30) days of the commencement of any arbitration between it and third parties which may concern ABS' work in connection with this certificate and shall afford ABS an opportunity, at ABS' sole option, to participate in the arbitration.

### 6. TIME BAR TO LEGAL ACTION

Any statutes of limitation notwithstanding, Company expressly agrees for itself and its affiliated companies that its right to bring or to assert against ABS any and all claims, demands or proceedings whether in arbitration or otherwise shall be waived unless (a) notice is received by ABS within thirty (30) days after Company or its affiliates had notice of or should reasonably have been expected to have had notice of the basis for such claims; and (b) arbitration or legal proceedings, if any, based on such claims or

demands of whatever nature are commenced within one year of the date of such notice to ABS.

### 7. LIMITATION OF LIABILITY

The combined liability of American Bureau of Shipping, its officers, employees, agents or subcontractors for any loss, claim, or damage arising from negligent performance or non-performance of any services under this Agreement, or from breach of any implied or express warranty of workmanlike performance in connection with the services, or from any other reason, to any person, corporation, partnership, business entity, sovereign, country or nation, shall be limited to the greater of a) \$100,000 or b) an amount equal to ten times the sum actually paid for the services alleged to be deficient. The limitation of liability may be increased up to an amount twenty-five times that sum paid for services upon receipt of Company's written request at or before the time of performance of service and upon payment by Company of an additional fee of \$10 for every \$1,000.00 increase in the limitation.

### 8. ETHICS AND COMPLIANCE

Falsification of this certificate, including any alterations by an entity other than ABS, may result in actions against the culpable entity up to and including legal proceedings for the misrepresentation of this document. Measures may include but are not limited to the immediate and indefinite suspension of the certificate in question, delisting of the entity from ABS online certification database, and immediate restriction of use of the authorized ABS service logos. Upon investigation by ABS, ABS reserves the right to permanently disqualify the implicated entity or its Principals from holding any service certifications from ABS.

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## APPENDIX TO ABS SERVICE SUPPLIER CERTIFICATION NO. 24-6090593-B

### Scope of Approval, Limitations or Restrictions

Validity of this Certificate is subject to annual audits as required by China MSA's Administrative Measures for Ship Maintenance and Inspection Service

The service recognition is for inspection and maintenance of self-contained breathing apparatus and emergency escape breathing devices.

### Authorized Personnel

Zhao, Jing-Tao	(ID: 370211xxxxxxx2055)
Luo, Xiao-Qiong	(ID: 310225xxxxxxx0019)
Chen, Tian-Cheng	(ID: 360430xxxxxxx1316)
Liu, Li-Ming	(ID: 330903xxxxxxx2530)
Wang, Liang-Bin	(ID: 330902xxxxxxx2917)
Li, Dong-Jie	(ID: 340223xxxxxxx441X)
Feng, Xiao-Peng	(ID: 412723xxxxxxx3819)

### Quality Manager

Zhao, Jing-Tao	(ID: 370211198608172055)
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### Authorization(s) from Equipment Manufacturers and Flag Administrations\*

NA

### Subcontractor and Scope of Subcontracting Work

NA

**NOTE:** This certificate evidence compliance with one or more of the Rules, Guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau. This certificate is a representation only that the Company has been assessed in accordance with ABS procedures and found capable of providing the listed service as limited by the associated recognition letter. This certificate is governed by the Terms and Conditions on the above page hereof and by the Rules, Guides or Standards of the American Bureau of Shipping, who shall remain the sole judge thereof.

\* For statutory related activities, unless specially directed by the Administration, this approval is not to be construed as a substitute or a Flag Administration's approval for the purpose of SOLAS (2020 Consolidated Edition), as amended.

## Certificate of Approval



**Approving a Service Supplier engaged in inspections and maintenance of the fire extinguishing/fire detection equipment and system aboard ships or mobile offshore units classed with the Society**

**No. TA00/BUS/20230808044938**

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions  
*Délivrée dans le cadre des Conditions Générales de Bureau Veritas Marine & Offshore*

Company: **QINGDAO OCEAN RICH MARINE SERVICE CO., LTD.**

Company address\*: NO.1555#, WUTAISHAN ROAD,  
WEST COAST NEW AREA, QINGDAO,  
266510, P.R.CHINA QINGDAO  
CHINA

### Scope of the approval:

Inspections and maintenance of the fire extinguishing/fire detection equipment and system aboard ships or mobile offshore units classed with the Society as per the list included in the attached Schedule of Approval.

### This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Service Supplier's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533.

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Recognition.

The Certificate is valid until\*\*: 10 August 2026

Completion date of the assessment on which this certificate based: 11 August 2023

At: Qingdao, CHINA on 11 August 2023

**BUREAU VERITAS  
MARINE & OFFSHORE**

Bureau Veritas Surveyor's signature :

Bernie SUN

By Order of the Secretary

\* Refer to the appendix for the list of subsidiaries covered by this certificate

\*\* Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore and the General Conditions therein are applicable.

*La dernière édition des Règlements de Bureau Veritas Marine & Offshore ainsi que les conditions Générales qui y figurent sont applicables*

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

*Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.*



**SCHEDULE OF THE APPROVAL****1- List of equipment and systems**

Fixed gas fire-extinguishing systems (precise fire extinguishing medium)

Type	Manufacturer
All	All

Fixed foam fire-extinguishing systems (High-expansion foam) (Low-expansion foam)

Type	Manufacturer
All	All

Fixed pressure water-spraying and water-mist fire-extinguishing systems

Type	Manufacturer
All	All

Portable fire extinguishers

Type	Manufacturer
All	All

*For extension of this Recognition to types and/or manufacturers of Equipment other than those already listed in this Certificate, it may be necessary that the Service Supplier applies for and obtains authorization of the said manufacturers.*

**2- List of Subsidiaries / Agents covered by this certificate****3- Condition for the validity of the certificate of approval**

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Service Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported.
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates, without written notification to the Society.
- Where the intermediate audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

Certificate N° TA00/BUS/20230808044938

Company Name :QINGDAO OCEAN RICH MARINE SERVICE CO., LTD.

**4- Other conditions**

Nil

**5- Endorsement where an intermediate audit has been performed**

Signed :

*(Surveyor to Bureau Veritas Marine & Offshore)*

Place :

Date :

For information only



## Certificate of Approval

**Approving a Service Supplier engaged in inspections and maintenance of self contained breathing apparatus aboard ships or mobile offshore units classed with the Society**

**No. TA00/BUS/20230808153742**

Issued within the scope of the Bureau Veritas Marine & Offshore Division General Conditions  
*Délivrée dans le cadre des Conditions Générales de la Division Marine & Offshore du Bureau Veritas*

Company:

**QINGDAO OCEAN RICH MARINE SERVICE CO., LTD.**

Company address\*:

NO.1555#, WUTAISHAN ROAD,  
WEST COAST NEW AREA, QINGDAO,  
266510, P.R.CHINA QINGDAO  
CHINA

### Scope of the approval:

Inspection, maintenance and test of self-contained air breathing apparatuses as per the list included in the attached Schedule of Approval.

### This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore Division General Conditions, has performed, at the Service Supplier's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533.

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Recognition.

The Certificate is valid until\*\*: 10 August 2026

Completion date of the assessment on which this certificate based: 11 August 2023

At: Qingdao, CHINA on 11 August 2023

**BUREAU VERITAS  
MARINE & OFFSHORE**

Bureau Veritas Surveyor's signature :

Bernie SUN

By Order of the Secretary

\* Refer to the appendix for the list of subsidiaries covered by this certificate

\*\* Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.

*La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables*

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

*Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.*



**SCHEDULE OF THE APPROVAL****1- List of equipment and systems**

Type	Manufacturer
All	All

*For extension of this Recognition to types and/or manufacturers of Equipment other than those already listed in this Certificate, it may be necessary that the Service Supplier applies for and obtains authorization of the said manufacturers.*

**2- List of Subsidiaries / Agents covered by this certificate****3- Condition for the validity of the certificate of approval**

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Service Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported.
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates, without written notification to the Society.
- Where the intermediate audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

**4- Other conditions**

Nil

**5- Endorsement where an intermediate audit has been performed**

Signed:

*(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)*

Place:

Date:



## Certificate of Approval

**Authorizing a Service Supplier engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear**

**No. TA00/WMK/20211028051452**

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions  
*Délivrée dans le cadre des Conditions Générales de la Marine & Offshore du Bureau Veritas*

Company: **QINGDAO OCEAN RICH MARINE SERVICE CO., LTD.**

Company address\*: **NO.1555#, WUTAISHAN ROAD,  
WEST COAST NEW AREA, QINGDAO,  
266510, P.R.CHINA QINGDAO  
CHINA**

### Scope of the approval:

Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear as per the list included in the attached Schedule of Approval

### This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Company's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533 and of IMO Resolution MSC.402(96).

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Approval.

The Certificate is valid until\*: 26 October 2024

Completion date of the assessment on which this certificate based: 27 October 2021

At: Qingdao, China on 28 October 2021

Bureau Veritas Surveyor's signature :

**BUREAU VERITAS  
MARINE & OFFSHORE**

**W.M.KOU**

By Order of the Secretary

\* Refer to the appendix for the list of subsidiaries covered by this certificate

\*\* Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.

*La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables*

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

*Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.*

## SCHEDULE OF THE APPROVAL

### 1-List of equipment : Makes and Types/Models

Equipment	Make	Type/Model	Manufacturer's Licence/Recognition N° (if applicable)
lifeboats/rescue boats, on-load release gear	WUXI WENJIAO GLASS FIBRE REINFORCED PLASTIC FACTORY	Reference to authorization letter	QD021
lifeboats/rescue boats, on-load release gear, launching appliances, hook	JIANGSU JIAOYAN MARINE EQUIPMENT CO.,LTD	Reference to authorization letter	JSJY2103-04
launching appliances	WUXI HUAHAI MARINE EQUIPMENT FACTORY	Reference to authorization letter	HHK035
launching appliances	Wuxi Haidelong Marine Equipment Co.,Ltd.	Reference to authorization letter	-

2- Certified Quality System in accordance with ISO 9000 series: ☒ Yes ☐ No

### 3- List of subsidiaries covered by this certificate

Nil

### 4- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported .
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates , without written notification to the Society.
- Where the periodic audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

### 5- Other conditions

Nil

### 6- Endorsement where an intermediate audit has been performed

Signed:

(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place:

Date:



# ATTESTATION

No. SGP0/ZCH/20220713042836

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions  
*Délivrée dans le cadre des Conditions Générales de Bureau Veritas Marine & Offshore*

## Certification of a Firm engaged in Thickness Measurements of Hull Structures



This is to certify that:

Company: **OCEAN RICH MARINE TECHNOLOGY CO., LTD.**

Company address: B-04, 20th Floor, Junan International Building, Shahekou District,  
Dalian City, DALIAN, CHINA

is certified by the Society to carry out and report on thickness measurements of structural material of ships or mobile offshore units classed with the Society, within the scope of the Rules, part A, Chapter 2.

This certification remains valid until : 21 June 2025

and may be renewed for a further period of 3 years, subject to satisfactory renewal audit. This certification is given subject to maintenance of original standards and ability of this firm, together with keeping informed the Society of any change in the information originally supplied.

At: SINGAPORE, On: 13 July 2022

**BUREAU VERITAS  
MARINE & OFFSHORE**

Terence Ng

By Order of the Secretary

The latest published Rules of the Bureau Veritas Marine & Offshore and the General Conditions therein are applicable.

*La dernière édition des Règlements de Bureau Veritas Marine & Offshore ainsi que les conditions Générales qui y figurent sont applicables*

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

*Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.*



## BUREAU VERITAS MARINE & OFFSHORE

### GENERAL CONDITIONS

#### 1. INDEPENDENCE OF THE SOCIETY AND APPLICABLE TERMS

- 1.1 The Society shall remain at all times an independent contractor and neither the Society nor any of its officers, employees, servants, agents or subcontractors shall be or act as an employee, servant or agent of any other party hereto in the performance of the Services.
- 1.2 The operations of the Society in providing its Services are exclusively conducted by way of random inspections and do not, in any circumstances, involve monitoring or exhaustive verification.
- 1.3 The Society acts as a services provider. This cannot be construed as an obligation bearing on the Society to obtain a result or as a warranty. The Society is not and may not be considered as an underwriter, broker in Unit's sale or chartering, expert in Unit's valuation, consulting engineer, controller, naval architect, designer, manufacturer, shipbuilder, repair or conversion yard, charterer or shipowner; none of the above listed being relieved from any of their expressed or implied obligations as a result of the interventions of the Society.
- 1.4 Only the Society is qualified to apply and interpret its Rules.
- 1.5 The Client acknowledges the latest versions of the Conditions and of the applicable Rules applying to the Services' performance.
- 1.6 Unless an express written agreement is made between the Parties on the applicable Rules, the applicable Rules shall be the Rules applicable at the time of entering into the relevant contract for the performance of the Services.
- 1.7 The Services' performance is solely based on the Conditions. No other terms shall apply whether express or implied.

#### 2. DEFINITIONS

- 2.1 **"Certificate(s)"** means classification or statutory certificates, attestations and reports following the Society's intervention.
- 2.2 **"Certification"** means the activity of certification in application of national and international regulations or standards ("Applicable Referential"), in particular by delegation from different governments that can result in the issuance of a Certificate.
- 2.3 **"Classification"** means the classification of a Unit that can result or not in the issuance of a classification Certificate with reference to the Rules. Classification (or Certification as defined in clause 2.2) is an appraisal given by the Society to the Client, at a certain date, following surveys by its surveyors on the level of compliance of the Unit to the Society's Rules and/or to the Applicable Referential for the Services provided. They cannot be construed as an implied or express warranty of safety, fitness for the purpose, seaworthiness of the Unit or of its value for sale, insurance or chartering.
- 2.4 **"Client"** means the Party and/or its representative requesting the Services.
- 2.5 **"Conditions"** means the terms and conditions set out in the present document.
- 2.6 **"Industry Practice"** means international maritime and/or offshore industry practices.
- 2.7 **"Intellectual Property"** means all patents, rights to inventions, utility models, copyright and related rights, trade marks, logos, service marks, trade dress, business and domain names, rights in trade dress or get-up, rights in goodwill or to sue for passing off, unfair competition rights, rights in designs, rights in computer software, database rights, topography rights, moral rights, rights in confidential information (including know-how and trade secrets), methods and protocols for Services, and any other intellectual property rights, in each case whether capable of registration, registered or unregistered and including all applications for and renewals, reversions or extensions of such rights, and all similar or equivalent rights or forms of protection in any part of the world.



**2.8 “Parties”** means the Society and Client together.

**2.9 “Party”** means the Society or the Client.

**2.10 “Register”** means the public electronic register of ships updated regularly by the Society.

**2.11 “Rules”** means the Society’s classification rules (available online on [veristar.com](http://veristar.com)), guidance notes and other documents. The Society’s Rules take into account at the date of their preparation the state of currently available and proven technical minimum requirements but are not a standard or a code of construction neither a guide for maintenance, a safety handbook or a guide of professional practices, all of which are assumed to be known in detail and carefully followed at all times by the Client.

**2.12 “Services”** means the services set out in clauses 2.2 and 2.3 but also other services related to Classification and Certification such as, but not limited to: ship and company safety management certification, ship and port security certification, maritime labour certification, training activities, all activities and duties incidental thereto such as documentation on any supporting means, software, instrumentation, measurements, tests and trials on board. The Services are carried out by the Society according to the Rules and/or the Applicable Referential and to the Bureau Veritas’ Code of Ethics. The Society shall perform the Services according to the applicable national and international standards and Industry Practice and always on the assumption that the Client is aware of such standards and Industry Practice.

**2.13 “Society”** means the classification society ‘**Bureau Veritas Marine & Offshore SAS**’, a company organized and existing under the laws of France, registered in Nanterre under number 821 131 844, or any other legal entity of Bureau Veritas Group as may be specified in the relevant contract, and whose main activities are Classification and Certification of ships or offshore units.

**2.14 “Services”** means the services set out in clauses 2.2 and 2.3 but also other services related to Classification and Certification such as, but not limited to: ship and company safety management certification, ship and port security certification, maritime labour certification, training activities, all activities and duties incidental thereto such as documentation on any supporting means, software, instrumentation, measurements, tests and trials on board. The Services are carried out by the Society according to the Rules and/or the Applicable Referential and to the Bureau Veritas’ Code of Ethics. The Society shall perform the Services according to the applicable national and international standards and Industry Practice and always on the assumption that the Client is aware of such standards and Industry Practice.

**2.15 “Society”** means the classification society ‘**Bureau Veritas Marine & Offshore SAS**’, a company organized and existing under the laws of France, registered in Nanterre under number 821 131 844, or any other legal entity of Bureau Veritas Group as may be specified in the relevant contract, and whose main activities are Classification and Certification of ships or offshore units.

**2.16 “Unit”** means any ship or vessel or offshore unit or structure of any type or part of it or system whether linked to shore, river bed or sea bed or not, whether operated or located at sea or in inland waters or partly on land, including submarines, hovercrafts, drilling rigs, offshore installations of any type and of any purpose, their related and ancillary equipment, subsea or not, such as well head and pipelines, mooring legs and mooring points or otherwise as decided by the Society.

### **3. SCOPE AND PERFORMANCE**

**3.1** Subject to the Services requested and always by reference to the Rules, and/or to the Applicable Referential, the Society shall:

- Review the construction arrangements of the Unit as shown on the documents provided by the Client;
- conduct the Unit surveys at the place of the Unit construction;
- class the Unit and enter the Unit’s class in the Society’s Register;
- survey the Unit periodically in service to note whether the requirements for the maintenance of class are met. The Client shall inform the Society without delay of any circumstances which may cause any changes on the conducted surveys or Services.

**3.2** The Society will not:

- declare the acceptance or commissioning of a Unit, nor its construction in conformity with its design, such activities remaining under the exclusive responsibility of the Unit’s owner or builder;
- engage in any work relating to the design, construction, production or repair checks, neither in the operation of the Unit or the Unit’s trade, neither in any advisory services, and cannot be held liable on those accounts.





#### **4. RESERVATION CLAUSE**

- 4.1** The Client shall always: (i) maintain the Unit in good condition after surveys; (ii) present the Unit for surveys; and (iii) inform the Society in due time of any circumstances that may affect the given appraisal of the Unit or cause to modify the scope of the Services.
- 4.2** Certificates are only valid if issued by the Society.
- 4.3** The Society has entire control over the Certificates issued and may at any time withdraw a Certificate at its entire discretion including, but not limited to, in the following situations: where the Client fails to comply in due time with instructions of the Society or where the Client fails to pay in accordance with clause 6.2 hereunder.
- 4.4** The Society may at times and at its sole discretion give an opinion on a design or any technical element that would 'in principle' be acceptable to the Society. This opinion shall not presume on the final issuance of any Certificate nor on its content in the event of the actual issuance of a Certificate. This opinion shall only be an appraisal made by the Society which shall not be held liable for it.

#### **5. ACCESS AND SAFETY**

- 5.1** The Client shall give to the Society all access and information necessary for the efficient performance of the requested Services. The Client shall be the sole responsible for the conditions of presentation of the Unit for tests, trials and surveys and the conditions under which tests and trials are carried out. Any information, drawing, etc. required for the performance of the Services must be made available in due time.
- 5.2** The Client shall notify the Society of any relevant safety issue and shall take all necessary safety-related measures to ensure a safe work environment for the Society or any of its officers, employees, servants, agents or subcontractors and shall comply with all applicable safety regulations.

#### **6. PAYMENT OF INVOICES**

- 6.1** The provision of the Services by the Society, whether complete or not, involves, for the part carried out, the payment of fees thirty (30) days upon issuance of the invoice.
- 6.2** Without prejudice to any other rights hereunder, in case of Client's payment default, the Society shall be entitled to charge, in addition to the amount not properly paid, interest equal to twelve (12) months LIBOR plus two (2) per-cent as of due date calculated on the number of days such payment is delinquent. The Society shall also have the right to withhold Certificates and other documents and/or to suspend or revoke the validity of Certificates.
- 6.3** In case of dispute on the invoice amount, the undisputed portion of the invoice shall be paid and an explanation on the dispute shall accompany payment so that action can be taken to resolve the dispute.

#### **7. LIABILITY**

- 7.1** The Society bears no liability for consequential loss. For the purpose of this clause consequential loss shall include, without limitation:
  - Indirect or consequential loss;
  - Any loss and/or deferral of production, loss of product, loss of use, loss of bargain, loss of revenue, loss of profit or anticipated profit, loss of business and business interruption, in each case whether direct or indirect. The Client shall defend, release, save, indemnify, defend and hold harmless the Society from the Client's own consequential loss regardless of cause.
- 7.2** Except in case of wilful misconduct of the Society, death or bodily injury caused by the Society's negligence and any other liability that could not be, by law, limited, the Society's maximum liability towards the Client is limited to one hundred and fifty per-cent (150%) of the price paid by the Client to the Society for the Services having caused the damage. This limit applies to any liability of whatsoever nature and howsoever arising, including fault by the Society, breach of contract, breach of warranty, tort, strict liability, breach of statute.



**7.3** All claims shall be presented to the Society in writing within three (3) months of the completion of Services' performance or (if later) the date when the events which are relied on were first discovered by the Client. Any claim not so presented as defined above shall be deemed waived and absolutely time barred.

## **8. INDEMNITY CLAUSE**

**8.1** The Client shall defend, release, save, indemnify and hold harmless the Society from and against any and all claims, demands, lawsuits or actions for damages, including legal fees, for harm or loss to persons and/or property tangible, intangible or otherwise which may be brought against the Society, incidental to, arising out of or in connection with the performance of the Services (including for damages arising out of or in connection with opinions delivered according to clause 4.4 above) except for those claims caused solely and completely by the gross negligence of the Society, its officers, employees, servants, agents or subcontractors.

## **9. TERMINATION**

**9.1** The Parties shall have the right to terminate the Services (and the relevant contract) for convenience after giving the other Party thirty (30) days' written notice, and without prejudice to clause 6 above.

**9.2** The Services shall be automatically and immediately terminated in the event the Client can no longer establish any form of interest in the Unit (e.g. sale, scrapping...).

**9.3** The Classification granted to the concerned Unit and the previously issued Certificates shall remain valid until the date of effect of the termination notice issued, or immediately in the event of termination under clause 9.2, subject to compliance with clause 4.1 and 6 above.

**9.4** In the event where, in the reasonable opinion of the Society, the Client is in breach, or is suspected to be in breach of clause 16 of the Conditions, the Society shall have the right to terminate the Services (and the relevant contracts associated) with immediate effect.

## **10. FORCE MAJEURE**

**10.1** Neither Party shall be responsible or liable for any failure to fulfil any term or provision of the Conditions if and to the extent that fulfilment has been delayed or temporarily prevented by a force majeure occurrence without the fault or negligence of the Party affected and which, by the exercise of reasonable diligence, the said Party is unable to provide against.

**10.2** For the purpose of this clause, force majeure shall mean any circumstance not being within a Party's reasonable control including, but not limited to: acts of God, natural disasters, epidemics or pandemics, wars, terrorist attacks, riots, sabotages, impositions of sanctions, embargoes, nuclear, chemical or biological contaminations, laws or action taken by a government or public authority, quotas or prohibition, expropriations, destructions of the worksite, explosions, fires, accidents, any labour or trade disputes, strikes or lockouts.



## **11. CONFIDENTIALITY**

**11.1** The documents and data provided to or prepared by the Society in performing the Services, and the information made available to the Society, will be treated as confidential except where the information:

- is properly and lawfully in the possession of the Society;
- is already in possession of the public or has entered the public domain, other than through a breach of this obligation;
- is acquired or received independently from a third party that has the right to disseminate such information;
- is required to be disclosed under applicable law or by a governmental order, decree, regulation or rule or by a stock exchange authority (provided that the receiving Party shall make all reasonable efforts to give prompt written notice to the disclosing Party prior to such disclosure).

**11.2** The Parties shall use the confidential information exclusively within the framework of their activity underlying these Conditions.

**11.3** Confidential information shall only be provided to third parties with the prior written consent of the other Party. However, such prior consent shall not be required when the Society provides the confidential information to a subsidiary.

**11.4** Without prejudice to sub-clause 11.1, the Society shall have the right to disclose the confidential information if required to do so under regulations of the International Association of Classifications Societies (IACS) or any statutory obligations.

## **12. INTELLECTUAL PROPERTY**

**12.1** Each Party exclusively owns all rights to its Intellectual Property created before or after the commencement date of the Conditions and whether or not associated with any contract between the Parties.

**12.2** The Intellectual Property developed by the Society for the performance of the Services including, but not limited to drawings, calculations, and reports shall remain the exclusive property of the Society.

## **13. ASSIGNMENT**

**13.1** The contract resulting from these Conditions cannot be assigned or transferred by any means by a Party to any third party without the prior written consent of the other Party.

**13.2** The Society shall however have the right to assign or transfer by any means the said contract to a subsidiary of the Bureau Veritas Group.

## **14. SEVERABILITY**

**14.1** Invalidity of one or more provisions does not affect the remaining provisions.

**14.2** Definitions herein take precedence over other definitions which may appear in other documents issued by the Society.

**14.3** In case of doubt as to the interpretation of the Conditions, the English text shall prevail.

## **15. GOVERNING LAW AND DISPUTE RESOLUTION**

**15.1** These Conditions shall be construed in accordance with and governed by the laws of England and Wales.

**15.2** Any dispute shall be finally settled under the Rules of Arbitration of the Maritime Arbitration Chamber of Paris ("CAMP"), which rules are deemed to be incorporated by reference into this clause. The number of arbitrators shall be three (3). The place of arbitration shall be Paris (France). The Parties agree to keep the arbitration proceedings confidential.

**15.3** Notwithstanding clause 15.2, disputes relating to the payment of the Society's invoices may be submitted by the Society to the *Tribunal de Commerce de Nanterre*, France, or to any other competent local Court, at the Society's entire discretion.





## **16. PROFESSIONAL ETHICS**

- 16.1** Each Party shall conduct all activities in compliance with all laws, statutes, rules, economic and trade sanctions (including but not limited to US sanctions and EU sanctions) and regulations applicable to such Party including but not limited to: child labour, forced labour, collective bargaining, discrimination, abuse, working hours and minimum wages, anti-bribery, anti-corruption, copyright and trademark protection, personal data protection (<https://personaldataprotection.bureauveritas.com/privacypolicy>). Each of the Parties warrants that neither it, nor its affiliates, has made or will make, with respect to the matters provided for hereunder, any offer, payment, gift or authorization of the payment of any money directly or indirectly, to or for the use or benefit of any official or employee of the government, political party, official, or candidate.
- 16.2** In addition, the Client shall act consistently with the Bureau Veritas' Code of Ethics and, when applicable, Business Partner Code of Conduct. both available at <https://group.bureauveritas.com/group/corporate-social-responsibility/operational-excellence>.

## Certificate of Approval



**Approving a Service Supplier engaged in inspections and maintenance of the fire extinguishing/fire detection equipment and system aboard ships or mobile offshore units classed with the Society**

**No. SGI0/ENC/20211230092956**

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions  
*Délivrée dans le cadre des Conditions Générales de Bureau Veritas Marine & Offshore*

Company: **ZHOUSHAN EVER GLORY MARINE SERVICE CO., LTD.**  
Company address\*: No. 132, Beichan New Street, Baiquan Town, Dinghai District, Zhoushan, China.

### Scope of the approval:

Inspections and maintenance of the fire extinguishing/fire detection equipment and system aboard ships or mobile offshore units classed with the Society as per the list included in the attached Schedule of Approval.

### This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Service Supplier's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533.

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Recognition.

The Certificate is valid until\*\*: 12 August 2024

Completion date of the assessment on which this certificate based: 13 August 2021

At: Shanghai, China on 04 January 2022

Bureau Veritas Surveyor's signature :

**BUREAU VERITAS  
MARINE & OFFSHORE**

David Yao Zhang



By Order of the Secretary

\* Refer to the appendix for the list of subsidiaries covered by this certificate

\*\* Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore and the General Conditions therein are applicable.

*La dernière édition des Règlements de Bureau Veritas Marine & Offshore ainsi que les conditions Générales qui y figurent sont applicables*

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

*Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.*

**SCHEDULE OF THE APPROVAL****1- List of equipment and systems**

Fixed gas fire-extinguishing systems (precise fire extinguishing medium)

Type	Manufacturer
CO2 HIGH PRESSURE SYSTEM CO2 LOW PRESSURE SYSTEM	All

Fixed foam fire-extinguishing systems (High-expansion foam) (Low-expansion foam)

Type	Manufacturer
All	All

Fixed pressure water-spraying and water-mist fire-extinguishing systems

Type	Manufacturer
All	All

Portable fire extinguishers

Type	Manufacturer
CO2 , FOAM, DRY POWDER	All

*For extension of this Recognition to types and/or manufacturers of Equipment other than those already listed in this Certificate, it may be necessary that the Service Supplier applies for and obtains authorization of the said manufacturers.*

**2- List of subsidiaries covered by this certificate**

Nil

**3- Condition for the validity of the certificate of approval**

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Service Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported.
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates, without written notification to the Society.
- Where the intermediate audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

Certificate N° SGI0/ENC/20211230092956

Company Name :ZHOUSHAN EVER GLORY MARINE SERVICE CO., LTD.

**4- Other conditions**

Nil

**5- Endorsement where an intermediate audit has been performed**

Signed :

*(Surveyor to Bureau Veritas Marine & Offshore)*

Place :

Date :





## Certificate of Approval

**Approving a Service Supplier engaged in inspections and maintenance of self contained breathing apparatus aboard ships or mobile offshore units classed with the Society**

**No. SGI0/ENC/20220104114616**

Issued within the scope of the Bureau Veritas Marine & Offshore Division General Conditions  
*Délivrée dans le cadre des Conditions Générales de la Division Marine & Offshore du Bureau Veritas*

Company:

**ZHOUSHAN EVER GLORY MARINE SERVICE CO., LTD.**

Company address\*:

No. 132, Beichan New Street, Baiquan Town, Dinghai District, Zhoushan, China.

### Scope of the approval:

Inspection, maintenance and test of self-contained air breathing apparatuses as per the list included in the attached Schedule of Approval.

### This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore Division General Conditions, has performed, at the Service Supplier's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533.

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Recognition.

The Certificate is valid until\*\*: 12 August 2024

Completion date of the assessment on which this certificate based: 13 August 2021

At: Shanghai, China on 04 January 2022

Bureau Veritas Surveyor's signature :

**BUREAU VERITAS  
MARINE & OFFSHORE**

David Yao Zhang



By Order of the Secretary

\* Refer to the appendix for the list of subsidiaries covered by this certificate

\*\* Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.

*La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables*

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

*Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.*

**SCHEDULE OF THE APPROVAL****1- List of equipment and systems**

Type	Manufacturer
All	All

*For extension of this Recognition to types and/or manufacturers of Equipment other than those already listed in this Certificate, it may be necessary that the Service Supplier applies for and obtains authorization of the said manufacturers.*

**2- List of subsidiaries covered by this certificate**

Nil

**3- Condition for the validity of the certificate of approval**

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Service Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported.
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates, without written notification to the Society.
- Where the intermediate audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

**4- Other conditions**

Nil

**5- Endorsement where an intermediate audit has been performed**

Signed:

*(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)*

Place:

Date:



# APPROVAL OF SERVICE SUPPLIERS

Certificate No:  
**AOSS0000FN7**  
Revision No:  
**1**

This is to certify that

**Qingdao Ocean Rich Marine Service Co. Ltd.**

**Qingdao, China**

is granted acceptance for

**Inspection and maintenance of fire extinguishing equipment and systems. Inspections and maintenance of self-contained breathing apparatus. In accordance with Class Programmes DNV-CP-0484 and DNV-CP-0624, and IACS UR Z17 Annex 1[7].**

This service supplier certificate will be accepted for use with all rule sets published by DNV.  
**See the following page(s) for details regarding application.**

This Certificate is valid from **2023-07-27** to (inclusive) **2026-07-26**.

This Certificate is issued on **2023-12-26**.



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signatures

**Zheng, Ji Ye**  
**Surveyor**

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

**Application:**

This approval is granted for

- CO2 Fire Extinguishing System (High & Low Pressure)
- Foam Fire Extinguishing System (excluding foam analysis)
- Pressure Water Spraying System incl. Water Mist System (local fire fighting system)
- Portable Fire Extinguishers
- Mobile Fire Extinguishers
- Fire Detection and Alarm System (only for cargo ship)
- Hydrostatic Testing of Pressure Vessel
- Level Check of CO2 and other Gas Cylinders
- Fixed Fire Extinguishing System for Deep Fat Cooking
- EEBD

**Remarks:**

1. Annual verification of technical conditions is to be performed according to the "Administrative Rules for Ship Servicing and Testing Services" (H.C.J.[2019] No.172) published on 2019-05-24.
2. DNV shall be informed for further analysis in case of change of workshop, technician and operating procedure.



# APPROVAL OF SERVICE SUPPLIERS

Certificate No:  
**AOSS0000FN8**  
Revision No:  
**1**

This is to certify that

**Qingdao Ocean Rich Marine Service Co. Ltd.**

**Qingdao, China**

is granted acceptance for

**Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear , in accordance with Class Programme DNV-CP-0484 and IACS UR Z17 Annex 1 [13].**

This service supplier certificate will be accepted for use with all rule sets published by DNV.  
**See the following page(s) for details regarding application.**

This Certificate is valid from **2023-07-27** to (inclusive) **2026-07-26**.

This Certificate is issued on **2023-12-05**.



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signatures

**Zheng, Ji Ye**  
**Surveyor**

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

### Application:

This Service Supplier is approved for maintenance, thorough examination, operational testing, overhaul and repair of the following equipment:

#### 1. Lifeboats (incl. freefall lifeboats)

Maker	Model / Series
Jiangsu Jiaoyan Marine Equipment Co., Ltd	JY-FN-4.9, JY-FF-4.9, JY-FN-5.8, JY-FF-5.8 JYM-FN-6.65, JYM-FF-6.65, JY-FN-6.8, JY-FF-6.8, JY-FN-7.5, JY-FF-7.5, JY-FN-8.5, JY-FF-8.5, JY-FN/FF-9.5  JY-QFP/N-5.0,5.25,5.6,6.0A,6.5,7.0, 7.5,7.5A,8.0,8.5,8.5X,9.35,10.9A
Wuxi Wenjiao G.F.R.P Factory	WJB50F,WJB50C,WJ57F,WJ57C,WJ58F,WJ58C WJ75F,WJ75C  WJ59FF,WJ59FC,WJ67FF,WJ67FC  WJ45D,BJ55/60/65/70/75/80/85

#### 2. Rescue boats (incl. fast rescue boats)

Maker	Model / Series
Jiangsu Jiaoyan Marine Equipment Co., Ltd	GJ4.2/ 4.25/ 4.5/ 5.0/ 5.25/ 6.0B-1/ 6.10/ 7.5/ 8.0Q-2/ 8.5Q-2  JY-QFP/N-5.0,5.25,5.6,6.0A,6.5,7.0, 7.5,7.5A,8.0,8.5,8.5X,9.35,10.9A
Wuxi Wenjiao G.F.R.P Factory	WJB50F,WJB50C,WJ57F,WJ57C,WJ58F,WJ58C WJ75F,WJ75C  WJ40R,WJ45KR,WJ45D3,WJ45D,WJ55D,WJ60RA WJ60RB

#### 3. Release gear (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts)

Maker	Model / Series
Jiangsu Jiaoyan Marine Equipment Co., Ltd	JX and JXN series
Wuxi Wenjiao G.F.R.P Factory	WJHK40,WJ30HK,WJHK55,WJ63HKC

#### 4. Launching appliances (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts).

Maker	Model / Series
Jiangsu Jiaoyan Marine Equipment Co., Ltd	Gravity luffing arm type davit: JYL52/JYL55/JYL65/JYL68/JYL85/JYL105/JYL135  Launching appliance: JYF55/JYF75/JYF75-A/JYF75-B/JYF90  Platform davit: JYP65/JYP85/JYP105/JYP135  Single arm davit: JYR21/JYR21S- A/JYRC21/JYR14/JYRH14/JYRH21/JYR26/JYR30/JYR23  Electrical boat winch: FW45/JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100 JYWP135/JYW35/JYRZ21
Wuxi Huahai Marine Equipment Factory	Gravity luffing arm type davit: HML60, HML85

	<p>Free-fall lifeboat launching appliance: HMD55F, HMD70F</p> <p>Rescue boat/liferaft launching appliance: 21kN manual, 21kN/25kN electrical, 21kN/25kN/32kN electrical hydraulic</p> <p>Electrical boat winch: HMW21, HMW25, HMW50, HMW75, HMW100, HMW110, HMW140, HMW185</p> <p>Rescue boat launching appliance: HMD14A, HMD30A, HMD30A2</p>
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### Remarks:

1. Approved according to MSC.402(96)/Corr.1 and IACS UR Z17, rev.18.
2. Annual verification of technical conditions is to be performed according to the "Administrative Rules for Ship Servicing and Testing Services"(H.C.J.[2019] No.172) published on 2019-05-24.



Certificate No:  
**AOSS0000M4M**

## APPROVAL OF SERVICE SUPPLIERS

This is to certify that

**Ocean Rich Marine Technology Co.,Ltd**

**Dalian, China**

is granted acceptance for

**Survey using remote inspection techniques for close-up survey of structure , in accordance with Class Programme DNV-CP-0623.**

This service supplier certificate will be accepted for use with all rule sets published by DNV.  
**See the following page(s) for details regarding application.**

This Certificate is valid from **2023-11-04** to (inclusive) **2026-11-03**.

This Certificate is issued on **2023-11-04**.



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signatures

**Zheng, Ji Ye**  
**Surveyor**

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.





Certificate No: **AOSS0000M4M**

**Application:**

The service supplier is approved for using Climber/Rope Access Technique as Remote Inspection Technique.

**Remarks:**

A list of approved operators and supervisors is filled in Nauticus Certification Production job A1434576. It is the obligation of the firm to follow their approved training programmes and assign the tasks to the personnel as required for each service category and approved by DNV. The supplier shall maintain an updated list of the qualified personnel, maintain a record of the history of changes to the list and inform DNV about any changes to the list prior to effective use of the list."

# APPROVAL OF SERVICE SUPPLIERS

Certificate No:  
**AOSS0000K33**  
Revision No:  
**1**

This is to certify that

**Ocean Rich Marine Technology Co.,Ltd**

**Dalian, China**

is granted acceptance for

**Thickness measurements , in accordance with Class Programme DNV-CP-0620.**

**Category I: Authorised to do measurements on all types and sizes of ships**

This service supplier certificate will be accepted for use with all rule sets published by DNV.

**See the following page(s) for details regarding application.**

This Certificate is valid from **2023-05-17** to (inclusive) **2025-08-13**.

This Certificate is issued on **2023-05-17**.



for DNV

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therefore not have handwritten signatures.....

**Zheng, Ji Ye**  
**Surveyor**

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



**Application:**

List of certified operators and the supervisors:

1, Operator:

Wang Wenquan

Wang Zhen

Zhang Shuaipeng

Ma Jingtao

2, Supervisor:

Dai Yu

**Remarks:**

Annual verification of technical conditions is to be performed according to the "Administrative Rules for Ship Servicing and Testing Services" (H.C.J.[2019] No.172) published on 2019-05-24.

## APPROVAL OF SERVICE SUPPLIERS

This is to certify that

**Zhoushan Ever Glory Marine Service Co., Ltd.**

**Zhoushan, China**

is granted acceptance for

**Inspection and maintenance of fire extinguishing equipment and systems. Inspections and maintenance of self-contained breathing apparatus. In accordance with Class Programmes DNV-CP-0484 and DNV-CP-0624, and IACS UR Z17 Annex 1[7].**

This service supplier certificate will be accepted for use with all rule sets published by DNV.  
**See the following page(s) for details regarding application.**

This Certificate is valid from **2023-12-30** to (inclusive) **2026-12-29**.

This Certificate is issued on **2024-01-01**.



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signatures

**Huang, Yi Jeff**  
**Surveyor**

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

**Application:**

Inspection and maintenance of fire extinguishing equipment and system, except specific authorization required by maker:

- CO2 Fire Extinguishing System (High- and Low Pressure);
- Foam Fire Extinguishing Systems;
- Dry Powder Fire Extinguishing Systems;
- Pressure Water Spraying Systems incl. Water Mist Systems;
- Portable Fire Extinguishers;
- Mobile Fire Extinguishers;
- Fire Detection and Alarm Systems;
- Hydrostatic Testing of Pressure Vessels;
- Level Check of CO2 and other Gas Cylinders;
- Examination of Foam Concentrates (By subcontractor);
- Fixed Fire Extinguishing Systems for Deep Fat Cooking

Inspection and maintenance of self-contained breathing apparatus, except specific authorization required by maker:

- All types of SCBA and Fireman Outfits;
- All types of EEBD

**Remarks:**

1. Annual verification of technical conditions is to be performed according to the "Administrative Rules for Ship Servicing and Testing Services" (H.C.J.[2019] No.172) published on 2019-05-24.

2. The service supplier shall maintain an updated (and approved by DNV) list of the qualified personnel based on the requirements as set out for the service category.





## Indian Register of Shipping

### CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

This is to certify that, based upon satisfactory audit and witnessing the service carried out by the firm in accordance with IRS procedures

**QINGDAO OCEAN RICH MARINE SERVICE CO., LTD**  
NO.1555, WUTAISHAN ROAD, WEST COAST NEW AREA  
QINGDAO, CHINA 266510

**CHINA**

*has been approved for:*

*Carrying out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear.*

Completion date of verification on which this certificate is based **17/01/2024**.

This certificate is valid upto **16/01/2027**.

- The approval is subject to the terms and conditions as specified in Annexure I to this certificate.
- The approval is granted for makes and types as specified in Annexure II to this certificate.
- The approval is in accordance with IMO Resolution MSC. 402(96)
- Personnel undertaking maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear shall be in possession of valid certificate for the work/s undertaken.

Issued at **MUMBAI** on **30/01/2024**.

**T. Ghosh**

*Official Seal*

**Head of Department**  
**Ships and Technical Services**  
**Indian Register of Shipping**

*See overleaf for conditions of issue of this certificate*

**This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-**

Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committees use their best endeavors to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.

Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.



# Indian Register of Shipping

**QINGDAO OCEAN RICH MARINE SERVICE CO., LTD**

## **Annexure I**

### **Terms and Conditions of Issuance of the Certificate**

**The society reserves the right to invalidate this approval, under following conditions:**

1. Where the service was improperly carried out or the results were improperly reported.
2. Where surveyor finds deficiencies in the approved service operating system of the supplier and appropriate corrective action is not taken.
3. Where alterations have been made to the Quality System relevant to the service supplier certificate, without written notification to IRS.
4. Where willful acts or omissions are ascertained.
5. Where any deliberate misrepresentation has been made by the service supplier.
6. Confidentiality (detail information acquired during the job) shall not be disclosed or released to third party without permission of this society.



# Indian Register of Shipping

## CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

Date: 30/01/2024

**QINGDAO OCEAN RICH MARINE SERVICE CO., LTD****ANNEXURE II**

MAKE	Product/TYPE	MODEL/SERIES
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD	Fully/Partially Enclosed Lifeboat	JY-QFP/N-5.0/JY-QFP/N-5.25/JY-QFP/N-5.6/JY-QFP/N-6.0A JY-QFP/N-6.50/JY-QFP/N-7.0/JY-QFP/N-7.5/JY-QFP/N-7.50A, JY-QFP/N-8.00/JY-QFP/N-8.50/JY-QFP/N-8.50X JY-QFP/N-9.35/JY-QFP/N-10.90A
	Freefall Lifeboat	JY-FN-4.9/JY-FF-4.9/JY-FN-5.8/JY-FF-5.8, JYM-FN-6.65/JYM-FF-6.65/JY-FN-6.8/JY-FF-6.8, JY-FN-7.5/JY-FF-7.5/JY-FN-8.5/JY-FF-8.5/JY-FN/FF-9.5
	Rescue Boat	GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10/GJ7.50/GJ8.0Q-2/GJ8.5Q-2
	Gravity Type Davit	Gravity luffing arm type davit JYL52/JYL55/JYL65/JYL68/JYL85/JYL105/JYL135 Launching appliance: JYF55/JYF75/JYF75-A/JYF75-B/JYF90 Platform Davit: JYP65/JYP85/JYP105/JYP135 Single arm davit: JYR21/JYR21S-A/JYRC21/JYR14/JYRH14/JYRH21/JYR26/JYR30 JYR23
	Lifeboat/Rescue Boat Winch	FW45/JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100/JYWP135/JYW35/JYRZ21
	Hook	JX and JXN series
MAKE	Product/TYPE	MODEL/SERIES
WUXI HUAHAI MARINE EQUIPMENT FACTORY	Gravity Type Davit	Gravity Luffing Arm Davit: HML60, HML85 Free-fall Lifeboat Launching Appliance: HMD55F, HMD70F Rescue Boat/Liferafts Launching Appliance: HMD21D-00(Manual), HMD21D-00(Ele), HMD25T-00, HMD21-00, HMD25-00, HMD32-00 Rescue Boat Launching Appliance: HMD14A, HMD30A, HMD30A2
	Lifeboat/Rescue Boat Winch	HMW21, HMW25, HMW50, HMW75, HMW100, HMW110, HMW140, HMW185
MAKE	Product/TYPE	MODEL/SERIES
WUXI WENJIAO G.F.R.P FACTORY	Fully/Partially Enclosed Lifeboat	WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C, WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85
	Freefall Lifeboat Rescue Boat	WJ59FF, WJ59FC, WJ67FF, WJ67FC WJ40R, WJ45KR, WJ45D3, WJ45D, WJ55D, WJ60RA, WJ60RB

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# Indian Register of Shipping

## CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

	Hook	WJHK40, WJ30HK, WJHK55, WJ63HKC
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A handwritten signature in blue ink, appearing to read 'T. Ghosh'.

T. Ghosh

*Head of Department  
Ships & Technical Services  
Indian Register of Shipping*

*Official Seal*







Certificate No.: QIN23A027

# Indian Register of Shipping

## CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

This is to certify that, based upon satisfactory audit and witnessing the services carried out by the firm in accordance with IRS procedures

**ZHOUSHAN EVER GLORY MARINE SERVICE CO.,LTD.**

132, Beichan New Street  
Baiquan Town, Dinghai District  
ZHOUSHAN  
CHINA

*has been approved for Surveys and maintenance of Fire Extinguishing Equipment and Systems as specified below:*

*Fixed Fire Extinguishing Systems (Carbon dioxide, Foam, Dry Chemical Powder & Sprinkler / Water mist systems)*

*Portable Fire Extinguishers*

*Fire Detection and Alarm System*

*Self Contained Breathing Apparatus*

*Emergency Escape Breathing Devices*

Completion date of verification on which this certificate is based **20/01/2024**

This certificate is valid upto **19/01/2027**

- The approval is subject to the terms and conditions as specified in Annexure I to this certificate.

Issued at : **MUMBAI** on **02/02/2024**

**T. Ghosh**

Official Seal

**Head of Department  
Ships and Technical Services  
Indian Register of Shipping**

*See overleaf for conditions of issue of this certificate*

This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:- Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committees use their best endeavors to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.

Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.





# Indian Register of Shipping

**ZHOUSHAN EVER GLORY MARINE SERVICE CO.,LTD.**

## **Annexure I**

### **Terms and Conditions of Issuance of the Certificate**

**The society reserves the right to invalidate this approval, under following conditions:**

1. Where the service was improperly carried out or the results were improperly reported.
2. Where surveyor finds deficiencies in the approved service operating system of the supplier and appropriate corrective action is not taken.
3. Where alterations have been made to the Quality System relevant to the service supplier certificate, without written notification to IRS.
4. Where willful acts or omissions are ascertained.
5. Where any deliberate misrepresentation has been made by the service supplier.
6. Confidentiality (detail information acquired during the job) shall not be disclosed or released to third party without permission of this society.



# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOFI-0079-23

This is to certify that

**QINGDAO OCEAN RICH MARINE SERVICE CO., LTD**

Address : Room 1508, Qingdao Metro Plaza, No. 118 Changjiang West Road,  
Huangdao District, Qingdao, China

is approved as a service supplier to provide the following service under Guidance for  
Approval of Service Suppliers and the relevant requirement of the society rule.

Scope of service

**The inspection and maintenance of Fire extinguishing equipment and  
systems, Self Contained Breathing Apparatus**

This certificate is valid until **2026.09.11**

Issued at **Busan** on **2023.11.23**

See the appendix for details regarding manufacturer authorizations, etc



This certificate is signed electronically in accordance with IMO  
FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate  
can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking  
No(ME23054090822) and certificate No.(HDOFI007923).



KOREAN REGISTER

General Manager of  
Survey Team

## **TERMS AND CONDITIONS**

### **A. The Responsibility and Duty of the Registered Company**

- (1) The operator who carries out the service shall possess the appropriate license issued by the Government or have equivalent qualifications.
- (2) The registered company shall be responsible for ensuring the safety of the operator from any danger which can arise during operation.
- (3) The registered company shall check the equipment to ensure the proper functioning of the equipment before operation.
- (4) The registered company, if necessary, shall have the equipment calibrated by authorized organizations in order to maintain the required accuracy within the period prescribed in the standard, and have the contents recorded and maintained.
- (5) The registered company shall keep a copy of the service report submitted to this Society and applicant for at least 5 years.
- (6) The registered company shall notify this society immediately of any alterations of the condition at the time of the approval, including changes of staff and of any entries on this certificate.

### **B. Confidentiality**

The detail information acquired during the job shall not be disclosed or released to third party without permission of the applicant or this Society.

### **C. Scope and Limitation**

The extent of engagement is limited to the scope stated on this Certificate unless attached otherwise.

### **D. Renewal of the Approval**

Renewal audit should be carried out within 3 months before the expiry date of Certificate. However, the validity of new Certificate will be started from the next day of expiry date of previous Certificate.

### **E. Cancellation of Approval**

The approval may be cancelled in cases:

- (1) Where the service provided is improperly carried out or the results are improperly reported.
- (2) Where the Society's surveyor has found major deviations in the operating system of the firm.
- (3) Where the supplier fails to inform of any alteration to the operation system to this Society.
- (4) Where occasional audit, when deemed necessary by this Society, has not been carried out.
- (5) Where wilful acts or omissions are ascertained.
- (6) Where the approval fees are not paid.





# APPENDIX I

No. : HDOFI-0079-23

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**Endorse**



# APPENDIX I

No. : HDOFI-0079-23

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Company :  
Address :  
Tel :  
Fax :  
E-mail :  
Country :  
City :  
KR-Branch :



# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0085-23

This is to certify that

**QINGDAO OCEAN RICH MARINE SERVICE CO., LTD**

Address : Room 1508, Qingdao Metro Plaza, No. 118 Changjiang West Road, Huangdao  
District, Qingdao, China

is approved as a service supplier to provide the following service under Guidance for  
Approval of Service Suppliers and the relevant requirement of the society rule.

*Scope of service*

**The servicing Inflatable lifejackets  
Maintenance, thorough examination, operational testing, overhaul and repair of  
Lifeboats, Rescue boats, Launching appliances, Release gear**

This certificate is valid until **2026.09.11**

Issued at **Busan** on **2023.11.23**

See the appendix for details regarding manufacturer authorizations, etc



This certificate is signed electronically in accordance with IMO  
FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate  
can be confirmed from "http://e-cert.krs.co.kr" by using the tracking  
No.(ME23054786823) and certificate No.(HDOLS008523).



KOREAN REGISTER

General Manager of  
Survey Team

## **TERMS AND CONDITIONS**

### **A. The Responsibility and Duty of the Registered Company**

- (1) The operator who carries out the service shall possess the appropriate license issued by the Government or have equivalent qualifications.
- (2) The registered company shall be responsible for ensuring the safety of the operator from any danger which can arise during operation.
- (3) The registered company shall check the equipment to ensure the proper functioning of the equipment before operation.
- (4) The registered company, if necessary, shall have the equipment calibrated by authorized organizations in order to maintain the required accuracy within the period prescribed in the standard, and have the contents recorded and maintained.
- (5) The registered company shall keep a copy of the service report submitted to this Society and applicant for at least 5 years.
- (6) The registered company shall notify this society immediately of any alterations of the condition at the time of the approval, including changes of staff and of any entries on this certificate.

### **B. Confidentiality**

The detail information acquired during the job shall not be disclosed or released to third party without permission of the applicant or this Society.

### **C. Scope and Limitation**

The extent of engagement is limited to the scope stated on this Certificate unless attached otherwise.

### **D. Renewal of the Approval**

Renewal audit should be carried out within 3 months before the expiry date of Certificate. However, the validity of new Certificate will be started from the next day of expiry date of previous Certificate.

### **E. Cancellation of Approval**

The approval may be cancelled in cases:

- (1) Where the service provided is improperly carried out or the results are improperly reported.
- (2) Where the Society's surveyor has found major deviations in the operating system of the firm.
- (3) Where the supplier fails to inform of any alteration to the operation system to this Society.
- (4) Where occasional audit, when deemed necessary by this Society, has not been carried out.
- (5) Where wilful acts or omissions are ascertained.
- (6) Where the approval fees are not paid.



# APPENDIX I

No. : HDOLS-0085-23

This service supplier has been certified or licensed to service the particular makes and models of equipment listed in the appendix.

## A. Manufacturer(s) of Inflatable Lifejackets

- DONGTAI CITY DONGFANG MARINE FITTING CO.,LTD.

## B. Manufacturer(s) of Lifeboats, Rescue boats, Launching appliances, Release gear / Type

\* The service supplier has been certified or licensed to perform maintenance, thorough examination, operational testing, overhaul and repair for the particular makes and models of equipment in accordance with Res.MSC 402(96).

- Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.) /

Free Fall Lifeboat : JY-FN-4.9/JY-FF-4.9/JY-FN-5.8/JY-FF-5.8/JYM-FN-6.65/JYM-FF-6.65/JY-FN-6.8/JY-FF6.8/JY-FN-7.5/JY-FF-7.5/JY-FN-8.5/JY-FF-8.5/JY-FN-9.5/JY-FF-9.5

Rescue Boat : GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10/GJ7.50/GJ80Q-2/GJ8.5Q-2

Totally Enclosed Lifeboat : JY-QFP/N-5.0/ JY-QFP/N-5.25/ JY-QFP/N-5.6/ JY-QFP/N-6.0A/ JY-QFP/N-6.50/ JY-QFP/N-7.0/ JY-QFP/N-7.5/ JY-QFP/N-7.50A/ JY-QFP/N-8.00/ JY-QFP/N-8.50/ JY-QFP/N-8.50X/ JY-QFP/N-9.35/ JY-QFP/N-10.90A

Hook : JX and JXN Series

Gravity Luffing Arm Type Davit : JYL52/JYL55/JYL65/JYL68/JYL85/JYL105/JYL135

Launching Appliance : JYF55/JYF75/JYF75-A/JYF75-B/JYF90

Platform Davit : JYP65/JYP85/JYP105/JYP135

Single Arm Davit : JYR21/JYR21S-A/JYRC21/JYR14/JYRH14/JYRH21/JYR26/JYR30/JYR23

Electric Boat Winch : FW45/JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100/JYWP135/JYW35/JYRZ21

- WUXI HUAHAI MARINE EQUIPMENT FACTORY /

Gravity Luffing Arm Davit : HML60, HML85

Free-fall Lifeboat Launching Appliance : HMD55F, HMD70F

Rescue Boats/liferafts Launching Appliances : 21kN manual, 21kN Electrical, 25kN Electrical, 21kN Electrical hydraulic, 25kN Electrical hydraulic, 32kN Electrical hydraulic

Electrical Boat Winch : HMW21, HMW25, HMW50, HMW75, HMW100, HMW110, HMW140, HMW185

Rescue Boats Launching Appliances : HMD14A, HMD30A, HMD30A2

- WUXI WENJIAO G.F.R.P FACTORY /

Totally Enclosed Life/Rescue Boat : WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C

Free Fall Lifeboat : WJ59FF, WJ59FC, WJ67FF, WJ67FC

Rescue Boats : WJ40R, WJ45KR, WJ45D3, WJ45D, WJ55D, WJ60RA, WJ60RB

Lifeboat : WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85



Endorse





# APPENDIX I

No. : HDOLS-0085-23

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Release Hook : WJHK40, WJ30HK, WJ63HKC



Endorse



# APPENDIX I

No. : HDOLS-0085-23

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Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :



# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOTG-0014-23

This is to certify that

**OCEAN RICH MARINE TECHNOLOGY CO.,LTD.**

Address : Room B306-8, No.170 Huadong Road, Ganjingzi District, Dalian, China

is approved as a service supplier to provide the following service under Guidance for Approval of Service Suppliers and the relevant requirement of the society rule.

Scope of service

**Thickness measurements on ships and mobile offshore units**

This certificate is valid until **2026.05.03**

Issued at **Busan** on **2023.05.04**

See the appendix for details regarding manufacturer authorizations, etc



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No.(ME23019841588) and certificate No.(HDOTG001423).



KOREAN REGISTER

General Manager of  
Survey Team

## **TERMS AND CONDITIONS**

### **A. The Responsibility and Duty of the Registered Company**

- (1) The operator who carries out the service shall possess the appropriate license issued by the Government or have equivalent qualifications.
- (2) The registered company shall be responsible for ensuring the safety of the operator from any danger which can arise during operation.
- (3) The registered company shall check the equipment to ensure the proper functioning of the equipment before operation.
- (4) The registered company, if necessary, shall have the equipment calibrated by authorized organizations in order to maintain the required accuracy within the period prescribed in the standard, and have the contents recorded and maintained.
- (5) The registered company shall keep a copy of the service report submitted to this Society and applicant for at least 5 years.
- (6) The registered company shall notify this society immediately of any alterations of the condition at the time of the approval, including changes of staff and of any entries on this certificate.

### **B. Confidentiality**

The detail information acquired during the job shall not be disclosed or released to third party without permission of the applicant or this Society.

### **C. Scope and Limitation**

The extent of engagement is limited to the scope stated on this Certificate unless attached otherwise.

### **D. Renewal of the Approval**

Renewal audit should be carried out within 3 months before the expiry date of Certificate. However, the validity of new Certificate will be started from the next day of expiry date of previous Certificate.

### **E. Cancellation of Approval**

The approval may be cancelled in cases:

- (1) Where the service provided is improperly carried out or the results are improperly reported.
- (2) Where the Society's surveyor has found major deviations in the operating system of the firm.
- (3) Where the supplier fails to inform of any alteration to the operation system to this Society.
- (4) Where occasional audit, when deemed necessary by this Society, has not been carried out.
- (5) Where wilful acts or omissions are ascertained.
- (6) Where the approval fees are not paid.



# APPENDIX I

No. : HDOTG-0014-23

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**Endorse**





# APPENDIX I

No. : HDOTG-0014-23

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Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :



# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOFI-0025-22

This is to certify that

**Zhoushan Ever Glory Marine Service Co.,Ltd**

Address : Room 2910, Zhongchang international building, Dinghai District, Zhoushan City

is approved as a service supplier to provide the following service under Guidance for Approval of Service Suppliers and the relevant requirement of the society rule.

Scope of service

**The inspection and maintenance of Fire extinguishing equipment and systems, Self Contained Breathing Apparatus**

This certificate is valid until **2025.05.18**

Issued at **Busan** on **2022.05.19**

See the appendix for details regarding manufacturer authorizations, etc



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No.(ME22014100176) and certificate No.(HDOFI002522).



KOREAN REGISTER

General Manager of  
Survey Team

## **TERMS AND CONDITIONS**

### **A. The Responsibility and Duty of the Registered Company**

- (1) The operator who carries out the service shall possess the appropriate license issued by the Government or have equivalent qualifications.
- (2) The registered company shall be responsible for ensuring the safety of the operator from any danger which can arise during operation.
- (3) The registered company shall check the equipment to ensure the proper functioning of the equipment before operation.
- (4) The registered company, if necessary, shall have the equipment calibrated by authorized organizations in order to maintain the required accuracy within the period prescribed in the standard, and have the contents recorded and maintained.
- (5) The registered company shall keep a copy of the service report submitted to this Society and applicant for at least 5 years.
- (6) The registered company shall notify this society immediately of any alterations of the condition at the time of the approval, including changes of staff and of any entries on this certificate.

### **B. Confidentiality**

The detail information acquired during the job shall not be disclosed or released to third party without permission of the applicant or this Society.

### **C. Scope and Limitation**

The extent of engagement is limited to the scope stated on this Certificate unless attached otherwise.

### **D. Renewal of the Approval**

Renewal audit should be carried out within 3 months before the expiry date of Certificate. However, the validity of new Certificate will be started from the next day of expiry date of previous Certificate.

### **E. Cancellation of Approval**

The approval may be cancelled in cases:

- (1) Where the service provided is improperly carried out or the results are improperly reported.
- (2) Where the Society's surveyor has found major deviations in the operating system of the firm.
- (3) Where the supplier fails to inform of any alteration to the operation system to this Society.
- (4) Where occasional audit, when deemed necessary by this Society, has not been carried out.
- (5) Where wilful acts or omissions are ascertained.
- (6) Where the approval fees are not paid.



# APPENDIX I

No. : HDOFI-0025-22

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**Endorse**



# APPENDIX I

No. : HDOFI-0025-22

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Company :  
Address :  
Tel :  
Fax :  
E-mail :  
Country :  
City :  
KR-Branch :



# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0028-22

This is to certify that

**Zhoushan Ever Glory Marine Service Co.,Ltd**

Address : Room 2910, Zhongchang international building, Dinghai District, Zhoushan City

is approved as a service supplier to provide the following service under Guidance for Approval of Service Suppliers and the relevant requirement of the society rule.

*Scope of service*

**The servicing Inflatable lifejackets**

This certificate is valid until **2025.05.18**

Issued at **Busan** on **2022.05.19**

See the appendix for details regarding manufacturer authorizations, etc



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "http://e-cert.krs.co.kr" by using the tracking No.(ME22014925177) and certificate No.(HDOLS002822).



KOREAN REGISTER

General Manager of  
Survey Team



## **TERMS AND CONDITIONS**

### **A. The Responsibility and Duty of the Registered Company**

- (1) The operator who carries out the service shall possess the appropriate license issued by the Government or have equivalent qualifications.
- (2) The registered company shall be responsible for ensuring the safety of the operator from any danger which can arise during operation.
- (3) The registered company shall check the equipment to ensure the proper functioning of the equipment before operation.
- (4) The registered company, if necessary, shall have the equipment calibrated by authorized organizations in order to maintain the required accuracy within the period prescribed in the standard, and have the contents recorded and maintained.
- (5) The registered company shall keep a copy of the service report submitted to this Society and applicant for at least 5 years.
- (6) The registered company shall notify this society immediately of any alterations of the condition at the time of the approval, including changes of staff and of any entries on this certificate.

### **B. Confidentiality**

The detail information acquired during the job shall not be disclosed or released to third party without permission of the applicant or this Society.

### **C. Scope and Limitation**

The extent of engagement is limited to the scope stated on this Certificate unless attached otherwise.

### **D. Renewal of the Approval**

Renewal audit should be carried out within 3 months before the expiry date of Certificate. However, the validity of new Certificate will be started from the next day of expiry date of previous Certificate.

### **E. Cancellation of Approval**

The approval may be cancelled in cases:

- (1) Where the service provided is improperly carried out or the results are improperly reported.
- (2) Where the Society's surveyor has found major deviations in the operating system of the firm.
- (3) Where the supplier fails to inform of any alteration to the operation system to this Society.
- (4) Where occasional audit, when deemed necessary by this Society, has not been carried out.
- (5) Where wilful acts or omissions are ascertained.
- (6) Where the approval fees are not paid.



# APPENDIX I

No. : HDOLS-0028-22

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This service supplier has been certified or licensed to service the particular makes and models of equipment listed in the appendix.

A. Manufacturer(s) of Immersion suit and Inflatable lifejacket

- DONGTAI CITY DONGFANG MARINE FITTING CO., LTD.



Endorse



# APPENDIX I

No. : HDOLS-0028-22

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Endorse



# APPENDIX I

No. : HDOLS-0028-22

---

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

## Lloyd's Register Approved Service Supplier

<b>Supplier</b>	<b>Ocean Rich Marine Engineering Co., Limited</b>
<b>Address</b>	No. 1 Niluo Road Nan'an Village Xintang Town Zengcheng District, Guangzhou, Guangdong, 511340, China
<b>Contact Details</b>	E-mail: tech@oceanrichmarine.com;
<b>Contact Number</b>	Tel: +86 (0)139 6969 8699; +86 20 3219 8114;

The above company having been assessed hereby receives approval in accordance with the requirements of Lloyd's Register Procedures for Approval of Service Suppliers as Supplier from the address(es) listed above for the provision of

### Inspections And Maintenance Of Fire-Extinguishing Equipment And Systems

- Survey and maintenance of portable and non-portable fire extinguishers, including CO2, Foam, and Dry Powder, etc;
- Survey and maintenance of fixed fire-fighting system, including CO2, Foam, and Dry Powder systems;
- Fixed fire-fighting system piping blowing through and tightness test;
- Level check or weighting of CO2 cylinders

### Hydraulic Tests Of Low And High Pressure Cylinders

Hydraulic tests of low and high pressure cylinders in approved workshop.

### Service Of Immersion Suits, Thermal Protective Aids, And Chemical Protective Clothing

All types unless specific authorization is required by the manufacturer.

## Lloyd's Register Approved Service Supplier

Inspections And Maintenance Of Self-Contained Breathing Apparatus
All types unless specific authorization is required by the manufacturer.

This approval is conditional upon the Supplier maintaining the documented scheme as audited by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures. This certificate is issued to the Supplier and, subject to the Supplier complying with the necessary conditions, is valid to the date referred to above.



# Lloyd's Register Approved Service Supplier

<b>Supplier</b>	<b>Ocean Rich Marine Co., Ltd.</b>
<b>Address</b>	No.310,Pashan Community, Changjiang Road Sub Distric Office, Huangdao District, Qingdao, Shandong, 266555, China
<b>Contact Details</b>	Email: tech@oceanrichmarine.com
<b>Contact Number</b>	Tel: +86 532 86768137

The above company having been assessed hereby receives approval in accordance with the requirements of Lloyd's Register Procedures for Approval of Service Suppliers as Supplier from the address(es) listed above for the provision of

## Inspections And Maintenance Of Fire-Extinguishing Equipment And Systems

- 1.Survey and maintenance of portable and non-portable fire extinguisher, including CO2, Foam and Dry Powder.
- 2.Survey and maintenance of fixed fire fighting system, including CO2,Foam, Dry Powder, water spray/ mist system.
- 3.Fixed fire fighting system piping blowing through and tightness test.
- 4.Level check or Weighting of CO2 cylinders of fixed fire fighting system.
- 5.Fire detection and alarm system.

## Hydraulic Tests Of Low And High Pressure Cylinders

Hydraulic test of low and high pressure cylinders in approved workshop.

## Inspections And Maintenance Of Self-Contained Breathing Apparatus

Service all types of SCBA/EEBD apparatus unless specific authorization is required by the manufacturer.

12th Floor, Chong Hing Finance Centre, No. 288  
Nanjing West Road, Shanghai, Huangpu District,  
200003, China

**Tong Zhou Xing**

Senior Surveyor to Lloyd's Register  
Classification Society (China) Co Ltd  
A member of the Lloyd's Register group

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## Lloyd's Register Approved Service Supplier

<b>Service Of Immersion Suits, Thermal Protective Aids, And Chemical Protective Clothing</b>
Service of all types of immersion suits, thermal protective aids, chemical protective suits, unless specific authorization is required by the manufacturer.
<b>Servicing Of Inflatable Liferrafts, Inflatable Lifejackets, Hydrostatic Release Units, Inflatable Rescue Boats, Marine Evacuation Systems</b>
1. Service all types of inflatable lifejackets unless specific authorization is required by the manufacturer. 2. Inflatable liferafts, Inflatable rescue boats, and hydrostatic releases units, marine evacuation systems are excluded.
<b>Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear</b>
<p>Service Supplier's personnel are certified in accordance with manufacturer's established certification programme. The service supplier is authorised to work on the makes and types shown in the attached Appendix A.</p> <p>This Service Supplier has been approved to service the equipment in accordance with IMO Resolution MSC.402(96), as amended.</p> <p>Service engineers are to be provided with a valid Certificate, issued by this Approved Service Supplier, which defines their level of qualification and the scope of the certification (i.e. makes and types of equipment and specifically state which activities (e.g. annual thorough examination and operational tests; 5-year thorough examination, overhaul; overload operational tests; repairs) are covered by the certification). This Certificate should be made available when requested.</p>

This approval is conditional upon the Supplier maintaining the documented scheme as audited by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures. This certificate is issued to the Supplier and, subject to the Supplier complying with the necessary conditions, is valid to the date referred to above.

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Nanjing West Road, Shanghai, Huangpu District,  
200003, China

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## APPENDIX A

Office: **Qingdao**

Date: **07 November 2022**

This Certificate is issued to Ocean Rich Marine Co., Ltd.

Service Supplier's personnel are certified in accordance with manufacturers' certification programmes, for the following equipment:

No.	Maker/Manufacturer	Type/Model/Series
1	JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD.	<p>Free-fall Life Boat:</p> <p>JY-FN-4.9;JY-FF-4.9;JY-FN-5.8;JY-FF-5.8; JYM-FN-6.65;JYM-FF-6.65; JY-FN-6.8; JY-FF-6.8;JY-FN-7.5;JY-FF-7.5;JY-FN-8.5;JY-FF-8.5;</p> <p>Rescue Boat:</p> <p>GJ4.2;GJ4.25;GJ4.5;GJ5.0;GJ5.25;GJ6.0B-1;GJ6.10;GJ7.50;GJ8.0Q-2; GJ8.5Q-2</p> <p>Totally Enclosed Lifeboat:</p> <p>JY-QFP/N-5.0;JY-QFP/N-5.25;JY-QFP/N-6.0A;JY-QFP/N-6.50; JY-QFP/N-7.0;JY-QFP/N-7.5;JY-QFP/N-7.50A; JY-QFP/N-8.00;JY-QFP/N-8.50;JY-QFP/N-8.50X; JY-QFP/N-9.35;JY-QFP/N-10.90A;</p> <p>Hook: JX AND JXN Series</p> <p>Gravity Luffing Arm Type Davit:</p> <p>JYL52;JYL55;JYL68;JYL85;JYL105;JYL135</p> <p>Launching appliance:JYF55;JYF75;JYF75-B;JYF90</p> <p>Platform Davit: JYP65;JYP85;JYP105;JYP135</p> <p>Single arm davit:JYR21S-A;JYRC21;JYR23;JYR14;JYRH14;JYRH21;</p> <p>Electric Boat winch:</p> <p>FW45;JYW42;JYW50;JYW70;JYW100;JYWP70;JYWP100;JYWP135;JYW35;JYRZ21</p>
2	WUXI HAIDELONG MARINE EQUIPMENT CO., LTD.	<p>Free-fall Lifeboat Launching Appliance:</p> <p>launching appliance for free-fall lifeboats: HDL70FA</p> <p>winch for survival craft and rescue boats: HDL70FA (winch)</p> <p>Launching appliances for free-fall lifeboats: HDLZ0720</p> <p>Winches for survival craft and rescue boats: (b) free-fall lifeboats HDLZ0720 (winch)</p> <p>Rescue Boats/liferafts Launching Appliances:</p> <p>Lauching appliances using falls (davit) Liferaft launching appliances (davit): HDL415 (davit)</p> <p>Winches for survival craft and rescue boats(winch): HDL415 (winch)</p> <p>Launching appliances using falls(davits) Liferaft launching appliacnes(davit): SA23 (davit)</p> <p>Winches for survival craft and rescue boats liferafts &amp; rescue boats: SA23(winch)</p> <p>Launching appliances for rescue boat &amp; liferaft: HDLD21</p> <p>Winches for survival craft and rescue boats life rafts: HDLW21</p> <p>Winches for survival craft and rescue boats rescue boats : HDLW21</p>
3	WUXI HUAHAI MARINE EQUIPMENT FACTORY	<p>-Launching appliances and on-load release gear</p> <p>Gravity Luffing Arm Davit:HML60,HML85</p> <p>Free-fall Lifeboat Launching Appliances:HMD55F,HMD70F</p>

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		<p>Rescue boats/liferafts launching appliances:21KN manual,21KN electrical,25KN electrical,21KN electrical hydraulic,25KN electrical hydraulic,32KN electrical hydraulic, Electrical Boat Winch: HMW21, HMW25, HMW50, HMW75, HMW100, HMW110, HMW140,HMW185.</p> <p>Rescue Boats Launching Appliances:HMD14A,HMD30A,HMD30A2</p>
4	WUXI WENJIAO G.F.R.P FACTORY	<p>-Lifeboat and rescue boat</p> <p>Type: WJB50F,WJB50C,WJ57F,WJ57C,WJ58F,WJ58C,WJ75F,WJ75C,WJ59FF,WJ59FC, WJ67FF,WJ67FC,WJ40R,WJ45KR,WJ45D3,WJ45D,WJ55D,WJ60RA,WJ60RB, WJ45D,BJ55,BJ60,BJ65,BJ70,BJ75,BJ80,BJ85.</p> <p>-Launching appliances and on-load release gear</p> <p>Type: WJHK40, WJ30HK, WJHK55, WJ63HKC</p>

T.Z. Xing

Surveyor to Lloyd's Register Classification Society (China) Co., Ltd.

a member of the Lloyd's Register group.

## Lloyd's Register Approved Service Supplier

<b>Supplier</b>	<b>Ocean Rich Marine Technology Co.,Ltd</b>
<b>Address</b>	Room B306-8, No.170 Huadong Road, Ganjingzi District, Dalian, Liaoning, 116000, China
<b>Contact Details</b>	E-mail: dl@oceanrichmarine.com
<b>Contact Number</b>	Tel: +86 411 39201943; Fax: +86 411 39201943;

The above company having been assessed hereby receives approval in accordance with the requirements of Lloyd's Register Procedures for Approval of Service Suppliers as Supplier from the address(es) listed above for the provision of

### Surveys Using Remote Inspection Techniques (RIT) Of The Structure Of Ships And Mobile Offshore

By use of Rope Access Technique, Technicians to perform TM & Close-up Surveys in support of attending Surveyors.

List of Approval Rope Access Technicians:

Li Yang Liang (IRATA Level 3)

Xiao Feng Li (IRATA Level 2)

Qin Pei Yuan Su (IRATA Level 2)

Yu Dai (IRATA Level 1)

Jing Tao Ma (IRATA Level 1)

Shuai Peng Zhang (IRATA Level 1)

This approval is conditional upon the Supplier maintaining the documented scheme as audited by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures. This certificate is issued to the Supplier and, subject to the Supplier complying with the necessary conditions, is valid to the date referred to above.

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200003, China

### Guo Feng Tian

Lead Surveyor to Lloyd's Register  
Classification Society (China) Co Ltd  
A member of the Lloyd's Register group

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## Lloyd's Register Approved Service Supplier

<b>Company</b>	<b>Ocean Rich Marine Technology Co.,Ltd</b>
<b>Address</b>	Room B306-8, No.170 Huadong Road, Ganjingzi District, Dalian, Liaoning, 116000, China
<b>Scope</b>	<b>Thickness Measurement of Hull Structure - Type B (Ships- all Vessels as defined in MQPS, Book N, Procedure 17-1)</b>

This is to certify that Lloyd's Register has approved the above firm in accordance with the requirements of the Lloyd's Register Approval for Thickness Measurement of Hull Structure in accordance with Lloyd's Register's Rules and Regulations for Classification of Ships as amended from time to time. The thickness measurements may be used by Lloyd's Register Group surveyors or shipowner's representatives when making decisions affecting classification, certification or the operation of a ship.

Personnel Authorised to carry out Thickness Measurement Survey's pertinent to this approval are listed on page 2 of 2.

The approval is conditional upon the aforementioned firm maintaining its audited scheme and notifying Lloyd's Register of any significant changes to that audited scheme including changes to personnel, equipment or procedures.

This certificate is issued to the above firm and is valid until the date given above.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

**Phil Leaver**

Lead Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group

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# Lloyd's Register Approved Service Supplier

## Supervisors

Dai Yu  
Wang Weng Quan

## Operators

Wei Jie  
Ma Jing Tao

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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## Lloyd's Register Approved Service Supplier

<b>Supplier</b>	<b>Zhoushan Ever Glory Marine Service Co.,Ltd.</b>
<b>Address</b>	Zhejiang Pilot Free Trade Zone, Room C1304, Commodity Trading Center, No.555, Wengshan Road,, Lincheng Street, Dinghai District, Zhoushan City, 316000, China
<b>Contact Details</b>	E-mail: tech@oceanrichmarine.com
<b>Contact Number</b>	Tel No.: +86 13969698699
<b>Additional sites are listed at the end of the certificate.</b>	

The above company having been assessed hereby receives approval in accordance with the requirements of Lloyd's Register Procedures for Approval of Service Suppliers as Supplier from the address(es) listed above for the provision of

<b>Inspections And Maintenance Of Fire-Extinguishing Equipment And Systems</b>
1.Portable and Non-portable Fire Extinguishers of all types; 2. Fixed Fire Extinguishing System of the following types: <ul style="list-style-type: none"><li>• CO2;</li><li>• Foam;</li><li>• Dry Powder</li><li>• Local Water Mist System</li></ul> 3. Fixed Fire Detection System
<b>Inspections And Maintenance Of Self-Contained Breathing Apparatus</b>
Valid for all types and Makers of self contained breathing apparatus and Emergency Escape Breathing Apparatus used onboard of Lloyd's Register classed ships unless specific authorization required by Maker*. * Subject to Makers' specific requirements that Service Suppliers are authorised or licensed to service/

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Nanjing West Road, Shanghai, Huangpu District,  
200003, China

**Hai Feng Mu**  
Lead Surveyor to Lloyd's Register  
Classification Society (China) Co Ltd  
A member of the Lloyd's Register group

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## Lloyd's Register Approved Service Supplier

### Inspections And Maintenance Of Self-Contained Breathing Apparatus

maintain the particular make(s) and model(s) of the self-contained breathing apparatus.

### Service Of Immersion Suits, Thermal Protective Aids, And Chemical Protective Clothing

Valid for all types and Makers of immersion suits, thermal protective aids, chemical protective suits used onboard of Lloyd's Register classed ships unless specific authorization required by Maker\*.

\* Subject to Makers' specific requirements that Service Suppliers are authorised or licensed to service/maintain the particular make(s) and model(s) of the immersion suits, thermal protective aids, chemical protective suits.

-Immersion suits

Dongtai City Dongfang Marine Fitting Co., Ltd. "YEAN" Brand.

### Servicing Of Inflatable Liferafts, Inflatable Lifejackets, Hydrostatic Release Units, Marine Evacuation Systems

-Lifejackets

Dongtai City Dongfang Marine Fitting Co., Ltd. "YEAN" Brand.

This approval is conditional upon the Supplier maintaining the documented scheme as audited by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures. This certificate is issued to the Supplier and, subject to the Supplier complying with the necessary conditions, is valid to the date referred to above.

## Lloyd's Register Approved Service Supplier

### Additional Sites

<b>Additional Supplier</b>	Zhoushan Ever Glory Marine Service Co.,Ltd.
<b>Address</b>	No.132 Beichan New Street, Baiquan Town, Dinghai District, Zhoushan City, 316000, China

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**CERTIFICATE OF APPROVAL FOR FIRMS  
ENGAGED IN  
INSPECTION AND MAINTENANCE OF  
FIRE FIGHTING EQUIPMENT AND SYSTEMS**

Certificate No. : **21TZ295**

Approval No. : **21FE025**

THIS IS TO CERTIFY that

**OCEAN RICH MARINE ENGINEERING CO., LIMITED**

**No.1, Niluo Road, Nan'an Village, Xintang Town, Guangshen Avenue,  
Zengcheng District, Guangzhou, P.R. China**

is approved as a firm engaged in inspection and maintenance of fire fighting equipment and systems under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **21 June 2026** subject to periodical assessment.

Issued at Tokyo on 22 June 2021.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI



(Y. Iga)

General Manager of Survey Department

*This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

*Due Range of Periodical Assessment: between 22 June 2023 and 21 June 2024*

*Periodical  
Assessment*

*Date*

\_\_\_\_\_

*Signature*

\_\_\_\_\_

Surveyor to NIPPON KAIJI KYOKAI

*Occasional  
Assessment*

*Date*

\_\_\_\_\_

*Signature*

\_\_\_\_\_

Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The scope of inspections / maintenances of this firm is as follows
  - CO2 High Pressure System
  - CO2 Low Pressure System
  - Foam System
  - Halon System
  - Dry Powder System
  - Fire Alarm System
  - Fire Detection System
  - Smoke Detection System
  - Water Mist System
  - Sprinkler System
  - Water Spray System
  - Fire Extinguishers
  - Self contained breathing apparatuses
  - EEBD
2. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
3. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.





**CERTIFICATE OF APPROVAL FOR FIRMS  
ENGAGED IN  
INSPECTION AND MAINTENANCE OF  
FIRE FIGHTING EQUIPMENT AND SYSTEMS**

Certificate No. : 23TZ303

Approval No. : 18FE022

THIS IS TO CERTIFY that

**Ocean Rich Marine Co., Ltd.**

**#1101, #A, Zhongnan Jinshi International Plaza, #157 Jिंगgangshan Road,  
Qingdao, China**

is approved as a firm engaged in inspection and maintenance of fire fighting equipment and systems under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **5 May 2028** subject to periodical assessment.

Issued at Tokyo on 1 August 2023.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)

General Manager of Survey Department

*This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

*Due Range of Periodical Assessment: between 6 May 2025 and 5 May 2026*

*Periodical  
Assessment*

*Date*

\_\_\_\_\_

*Signature*

\_\_\_\_\_

Surveyor to NIPPON KAIJI KYOKAI

*Occasional  
Assessment*

*Date*

\_\_\_\_\_

*Signature*

\_\_\_\_\_

Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The scope of inspections / maintenances of this firm is as follows
  - CO<sub>2</sub> High Pressure System
  - Foam System
  - Dry Powder System
  - Water Mist System
  - Sprinkler System
  - Water Spray System
  - Fire Extinguishers
  - Self contained breathing apparatuses
  - EEBD
2. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
3. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.



**CERTIFICATE OF APPROVAL  
FOR FIRMS ENGAGED IN  
MAINTENANCE, THOROUGH EXAMINATION,  
OPERATIONAL TESTING, OVERHAUL AND REPAIR OF  
LIFEBOATS, RESCUE BOATS, FAST RESCUE BOATS,  
LAUNCHING APPLIANCES AND RELEASE GEAR**

Certificate No. : **23TZ304**

Approval No. : **18LA044**

THIS IS TO CERTIFY that

**Ocean Rich Marine Co., Ltd.**

**#1101, #A, Zhongnan Jinshi International Plaza, #157 Jinggangshan Road,  
Qingdao, China**

is approved as a firm engaged in the servicing and maintenance of lifeboats, launching appliances, on-load release gear and automatic release hooks under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **5 May 2028** subject to periodical assessment.

Issued at Tokyo on 1 August 2023.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)

General Manager of Survey Department

*This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

*Due Range of Periodical Assessment: between 6 May 2025 and 5 May 2026*

<i>Periodical Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____
		Surveyor to NIPPON KAIJI KYOKAI
<i>Occasional Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____
		Surveyor to NIPPON KAIJI KYOKAI

**Conditions for Approval:**

1. This Certificate is valid subject to validity of certificate for personnel issued for each make and type of the equipment listed in the attachment.
2. This service supplier has been approved to service the equipment listed in the attachment in accordance with MSC. 402(96).
3. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
4. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.

Make	Type
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.)	<p><b><u>Free Fall Lifeboat</u></b></p> <ul style="list-style-type: none"> <li>- JY-FN-4.9, JY-FF-4.9, JY-FN-5.8, JY-FF-5.8, JYM-FN-6.65, JYM-FF-6.65, JY-FN-6.8, JY-FF-6.8, JY-FN-7.5, JY-FF-7.5, JY-FN-8.5, JY-FF-8.5, JY-FN, FF-9.5</li> </ul> <p><b><u>Rescue Boat</u></b></p> <ul style="list-style-type: none"> <li>- GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ5.25, GJ6.0B-1, GJ6.10, GJ7.50, GJ8.0Q-2, GJ8.5Q-2</li> </ul> <p><b><u>Totally Enclosed Lifeboat</u></b></p> <ul style="list-style-type: none"> <li>- JY-QFP/N-5.0, JY-QFP/N-5.25, JY-QFP/N-5.6, JY-QFP/N-6.0A, JY-QFP/N-6.50, JY-QFP/N-7.0, JY-QFP/N-7.5, JY-QFP/N-7.50A, JY-QFP/N-8.00, JY-QFP/N-8.50, JY-QFP/N-8.50X, JY-QFP/N-9.35, JY-QFP/N-10.90A</li> </ul> <p><b><u>Hook</u></b></p> <ul style="list-style-type: none"> <li>- JX and JXN Series</li> </ul> <p><b><u>Gravity Luffing Arm Type Davit</u></b></p> <ul style="list-style-type: none"> <li>- JYL52, JYL55, JYL65, KYL68, JYL85, JYL105, JYL135</li> </ul> <p><b><u>Launching Appliance</u></b></p> <ul style="list-style-type: none"> <li>- JYF55, JYF75, JYF75-A, JYF75-B, JYF90</li> </ul> <p><b><u>Platform Davit</u></b></p> <ul style="list-style-type: none"> <li>- JYP65, JYP85, JYP105, JYP135</li> </ul> <p><b><u>Single Arm Davit</u></b></p> <ul style="list-style-type: none"> <li>- JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21, JYR26, JYR30, JYR23</li> </ul> <p><b><u>Electric Boat Winch</u></b></p> <ul style="list-style-type: none"> <li>- FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21</li> </ul>
Wuxi Huahai Marine Equipment Factory	<p><b><u>Gravity Luffing Arm Davit</u></b></p> <ul style="list-style-type: none"> <li>- HML60, HML85</li> </ul> <p><b><u>Free-fall Lifeboat Launching Appliance</u></b></p> <ul style="list-style-type: none"> <li>- HMD55F, HMD70F</li> </ul> <p><b><u>Rescue Boats/liferafts Launching Appliances</u></b></p> <ul style="list-style-type: none"> <li>- 21kN manual, 21kN Electrical, 25kN Electrical, 21kN Electrical hydraulic, 25kN Electrical hydraulic, 32kN Electrical hydraulic</li> </ul> <p><b><u>Electrical Boat Winch</u></b></p> <ul style="list-style-type: none"> <li>- HMW21, HMW25, HMW50, HMW75, HMW100, HMW110, HMW140, HMW185</li> </ul> <p><b><u>Rescue Boats Launching Appliances</u></b></p> <ul style="list-style-type: none"> <li>- HMD14A, HMD30A, HMD30A2</li> </ul>
Wuxi Wenjiao G. F. R. P. Factory	<p><b><u>Totally Enclosed Life/Rescue Boat</u></b></p> <ul style="list-style-type: none"> <li>- WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C</li> </ul>

	<p><b><u>Free Fall Lifeboat</u></b></p> <ul style="list-style-type: none"> <li>- WJ59FF, WJ59FC, WJ67FF, WJ67FC</li> </ul> <p><b><u>Rescue Boat</u></b></p> <ul style="list-style-type: none"> <li>- WJ40R, WJ45KR, WJ45D3, WJ45D, WJ55D, WJ60RA, WJ60RB</li> </ul> <p><b><u>Life Boat</u></b></p> <ul style="list-style-type: none"> <li>- WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85</li> </ul> <p><b><u>Release Hook</u></b></p> <ul style="list-style-type: none"> <li>- WJHK40, WJ30HK, WJHK55, WJ63HKC</li> </ul>
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-- The End --





**CERTIFICATE OF APPROVAL FOR FIRMS  
ENGAGED IN THICKNESS MEASUREMENTS ON  
SHIPS OR MOBILE OFFSHORE UNITS**

Certificate No. : **23TZ380**

Approval No. : **23TM020**

THIS IS TO CERTIFY that

**Ocean Rich Marine Technology Co., Ltd**

**Room B306-8, No. 170, Huadong Road, Ganjingzi District, Dalian, P.R. China**

is approved as a firm engaged in thickness measurements on ships under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **18 July 2026**.

Issued at Tokyo on 19 July 2023.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)

General Manager of Survey Department

*This is to certify that the firm has been occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

*Occasional  
Assessment*

*Date*

\_\_\_\_\_

*Signature*

\_\_\_\_\_

Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
2. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.



(Rewritten)

**CERTIFICATE OF APPROVAL FOR FIRMS  
ENGAGED IN  
INSPECTION AND MAINTENANCE OF  
FIRE FIGHTING EQUIPMENT AND SYSTEMS**

Certificate No. : 23TZ076

Approval No. : 20FE026

THIS IS TO CERTIFY that

**Zhoushan Ever Glory Marine Service Co., Ltd.**

**No.132, Beichan New Street, Baiquan Town, Dinghai District, Zhoushan,  
P.R. China**

is approved as a firm engaged in inspection and maintenance of fire fighting equipment and systems under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **21 June 2025** subject to periodical assessment.

Issued at Tokyo on 3 February 2023.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)

General Manager of Survey Department

This Certificate was rewritten due to the company's address has been changed.

*This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

***The Periodical Assessment was completed on 12 December 2022.***

Periodical Assessment	Date	_____
	Signature	_____
		Surveyor to NIPPON KAIJI KYOKAI
Occasional Assessment	Date	_____
	Signature	_____
		Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The scope of inspections / maintenances of this firm is as follows
  - CO2 High Pressure System
  - CO2 Low Pressure System
  - Foam System
  - Dry Powder System
  - Fire Alarm System
  - Fire Detection System
  - Smoke Detection System
  - Water Mist System
  - Sprinkler System
  - Water Spray System
  - Fire Extinguishers
  - Self contained breathing apparatuses
  - EEBD
2. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
3. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.



RINA  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

## **CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER**

**CERTIFICATE NO. 2021WS01-1222**

*This is to certify that*

### **OCEAN RICH MARINE ENGINEERING CO., LIMITED**

No.1, Niluo Road, Guangshen Avenue, Zengcheng District  
Guangzhou - Guangdong CHINA

*Has been approved in compliance with the  
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"  
for the supply of the following services to ships and other units classed by RINA;*

- D - Surveys and maintenance of fire extinguishing equipment and systems**
- H - Surveys and maintenance of self-contained breathing apparatus**
- Z - Servicing of immersion suits**

*Issued in Shanghai on*  
01/09/2021

*This Certificate is valid from the date of the initial audit until*  
13/07/2024

*This certificate consists of this sheet plus an attachment*



RINA

Dehong Fan



RINA  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

ATTACHMENT TO  
CERTIFICATE NO. 2021WS01-1222

Page 1 of 1

INITIAL AND UNSCHEDULED AUDITS			
Due date	Carried out on (dd/mm/yyyy)	Surveyor's signature	Surveyor's stamp
	13/07/2021		
<i>Unscheduled</i>			
<i>Unscheduled</i>			
<i>Unscheduled</i>			

*General conditions for the approval*

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments
- c) RINA personnel are to be allowed to witness during the performance of activities, upon their request
- d) The activities are to be carried out in compliance with the RINA Rules and/or other applicable rules
- e) RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval



  
Dehong Fan

# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU058424WS

*This is to certify that*

## QINGDAO OCEAN RICH MARINE SERVICE CO.,LTD

#Room 1508, Qingdao Metro Plaza, No. 118 Changjiang West Road, Huangdao District,  
Qingdao SD CHINA

*Has been approved in compliance with the*  
**RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"**  
*for the supply of the following services to ships and other units classed by RINA:*

- N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear**
- D - Inspection and maintenance of fire extinguishing equipment and systems**
- H - Inspection and maintenance of self-contained breathing apparatus**

*Date of the audit:* 27 Feb 2024  
*Issued in* SHANGHAI  
*on* 06 Mar 2024

*This Certificate is valid from the date of the audit until*  
26 Feb 2027

*This certificate consists of this sheet plus an attachment.*



This is an electronically signed document and does not require a handwritten signature.

En-Qiang LIU

RINA Services S.p.A.





RINA Services S.p.A.  
Via Certosa, 12 - 10128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

## ATTACHMENT TO CERTIFICATE NO. SSU058424WS

### VALIDITY CONDITIONS

#### N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

This service supplier is certified according to the RINA Rules for the Certification of Service Suppliers to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment:

**(1)JIANGSU JIAOYAN MARINE EQUIPMENT CO.,LTD.**

Free fall lifeboat:

JY-FN-4.8/JY-FF-4.8/JY-FN-5.8/JY-FF-5.8

JYM-FN-6.65/JYM-FF-6.65/JY-FN-6.8/JY-FF-6.8

JY-FN-7.5/JY-FF-7.5/JY-FN-8.5/JY-FF-8.5/JY-FN/FF-9.5

Rescue boat:

GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ5.0B-1/GJ6.10

GJ7.50/GJ8.0Q-2/GJ8.5Q-2

Totally enclosed lifeboat:

JY-QFP/N-6.0/JY-QFP/N-5.25/JY-QFP/N-5.6/JY-QFP/N-6.0A

JY-QFP/N-6.50/JY-QFP/N-7.0/JY-QFP/N-7.5/JY-QFP/N-7.50A

JY-QFP/N-8.00/JY-QFP/N-8.50/JY-QFP/N-8.50X

JY-QFP/N-9.35/JY-QFP/N-10.90A

Hook:

JX and JXN Series

Gravity luffing arm type davit:

JYL52/JYL55/JYL65/JYL68/JYL85/JYL105/JYL135

Launching appliance:

JYF55/JYF75/JYF75-A/JYF75-B/JYF90

Platform Davit:

JYP65/JYP85/JYP105/JYP135

Single arm davit:

JYR21/JYR21S-A/JYRC21/JYR14/JYRH14/JYRH21/JYR26/JYR30/JYR23

Electric Boat Winch:

FW45/JYVW2/JYW50/JYW70/JYVW100/JYWP70/JYWP100/JYWP135/JYVW35/JYRZ21

(2)Wuxi Wenjie G.F.R.P Factory

Totally enclosed life/rescue boat:

WJB50F/WJB50C/WJ57F/WJ57C/WJ58F/WJ58C/WJ75F/WJ75C

Free Fall lifeboat:

WJ59F/WJ59FC/WJ57FF/WJ67FC

Rescue boat:

WJ40R/WJ45KR/WJ45D3/WJ45D/WJ55D/WJ60R/WJ60RB

Life boat:

WJ45D/BJ55/BJ60/BJ65/BJ70/BJ75/BJ80/BJ85

Release hook:

WJHK40/WJ30HK/WJHK55/WJ53HKC

(3)Wuxi Huahai Marine Equipment Factory

Gravity Luffing Arm Davit:

HML60/HML85

Free-fall Lifeboat Launching Appliance:

HMD55F/HMD70F

Rescue Boats/Liferafts Launching Appliances:



RINA Services S.p.A.  
Via Corsica, 12 - 16128 Genova  
Tel: +39 010 53851  
Fax: +39 010 5351000

21kN manual/21kN Electrical/25kN Electrical/21kN Electrical hydraulic/25kN Electrical hydraulic/32kN Electrical hydraulic

Electrical Boat Winch:

HMW21/HMW25/HMW50/HMW75/HMW100/HMW110/HMW140/HMW185

Rescue Boats Launching Appliances:

HMD14A/HMD30A/HMD30A2

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the service supplier is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

Note 2: This certificate of approval is also issued on behalf of Italian Administration according to the Italian Executive Decree n. 321 dated 21st April 2020 and Circular NDS n. 22/2021.

Therefore, this Service Provider is authorized to provide their services on board ships flying Italian flag for the makes and types of equipment defined according to ISO/PAS 23678, listed in the table of Annex N to this Certificate, without prejudice to the particular requirements in the aforementioned Italian official documents.

#### General conditions for the approval

- The initial conditions verified by RINA at the time of the approval are to be maintained
- Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments
- RINA personnel are to be allowed to witness during the performance of activities, upon their request
- The activities are to be carried out in compliance with the RINA Rules and/or other applicable rules
- RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval



This is an electronically signed document and does not require a handwritten signature.

En-Qiang LIU

RINA Services S.p.A.

## CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU249222WS

*This is to certify that*

### **Ocean Rich Marine Engineering Co Limited**

11/F Citi Tower 83 Hoi Bun Road Kwun Tong  
Hong Kong HK HONG KONG (S.A.R.)

*Has been approved in compliance with the  
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"  
for the supply of the following services to ships and other units classed by RINA:*

**A - Thickness measurements on ships or mobile offshore units**

*Date of the audit:* **27 Oct 2022**

*Issued in* **SHANGHAI**

*on* **12 Dec 2022**

*This Certificate is valid from the date of the audit until*

**26 Oct 2025**

*This certificate consists of this sheet plus an attachment.*



This is an electronically signed document and does not require a handwritten signature.

**ZhongNing JIANG**

**RINA Services S.p.A.**



RINA Services S.p.A.  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

**ATTACHMENT TO  
CERTIFICATE NO. SSU249222WS**

**VALIDITY CONDITIONS**

***General conditions for the approval***

- a) The initial conditions verified by RINA at the time of the approval are to be maintained*
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments*
- c) RINA personnel are to be allowed to witness during the performance of activities, upon their request*
- d) The activities are to be carried out in compliance with the RINA Rules and or other applicable rules*
- e) RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval*



This is an electronically signed document and does not require a handwritten signature.

**ZhongNing JIANG**  
**RINA Services S.p.A.**



RINA Services S.p.A.  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

**ATTACHMENT TO  
CERTIFICATE NO. SSU249222WS**

SERVICE STATIONS COVERED BY THIS CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER				
Firm	Address	Audit due date	Carried out on	Surveyor
Ocean Rich Marine Technology Co., Ltd.	Room B306-8, No.170 Huadong Road, Ganjingzi District, Dalian, China CNDAL - Dalian - CHN	26 Oct 2025	27 Oct 2022	Zhongning Jiang



This is an electronically signed document and does not require a handwritten signature.

**ZhongNing JIANG**  
**RINA Services S.p.A.**

# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU240423WS

*This is to certify that*

**Zhoushan Ever Glory Marine Service Co., Ltd.**

NO.1 CHANGXIN Road, Yancang street, Dinghai District

Zhoushan ZJ CHINA

*Has been approved in compliance with the*

**RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"**

*for the supply of the following services to ships and other units classed by RINA:*

**D - Inspection and maintenance of fire extinguishing equipment  
and systems**

*Date of the audit:* 09 Oct 2023

*Issued in* SHANGHAI

*on* 08 Jan 2024

*This Certificate is valid from the date of the audit until*

**08 Oct 2026**

*This certificate consists of this sheet plus an attachment.*



This is an electronically signed document and does not require a handwritten signature.

En-Qiang LIU

RINA Services S.p.A.



RINA Services S.p.A.  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

**ATTACHMENT TO  
CERTIFICATE NO. SSU240423WS**

**VALIDITY CONDITIONS**

***General conditions for the approval***

- a) The initial conditions verified by RINA at the time of the approval are to be maintained*
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments*
- c) RINA personnel are to be allowed to witness during the performance of activities, upon their request*
- d) The activities are to be carried out in compliance with the RINA Rules and/or other applicable rules*
- e) RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval*



This is an electronically signed document and does not require a handwritten signature.

**En-Qiang LIU**

**RINA Services S.p.A.**





# 江苏佼燕船舶设备有限公司

## JIANGSU JIAOYAN MARINE EQUIPMENT CO.,LTD.

江苏省江阴市月城镇 Yue Cheng Town, Jiang Yin City, Jiang Su Province, P.R. China  
邮编 Post Code 214404 电话 Tel +86 510 86591980 86581115 传真 +86 510 86581013  
电子邮件 E-mail [emily@jyboat.com](mailto:emily@jyboat.com) 网址 Web [www.jyboat.com](http://www.jyboat.com)

### APPROVAL OF SERVICE ENGINEER

Certificate No. **JSJY2103-04**

This is to certify that

Engineer Name: Mr.Lang Tao

DOB: December 5<sup>th</sup>, 1997

Company name: Ocean Rich Marine Co., Ltd



has been qualified and approved to be the service engineer to perform annual thorough examination, operational tests, the five-year thorough examination, any overhaul and overload operational tests required by IMO MSC.402(96) and 404(96) for the following described products under the name of Jiangsu Jiaoyan Marine Equipment Co.,Ltd. ( Formerly: Jiangyin Xinjiang F.R.P.Co.,Ltd.) in China.

Product Type	Model
Free fall lifeboat	: JY-FN-4.9/JY-FF-4.9/JY-FN-5.8/JY-FF-5.8 JYM-FN-6.65/JYM-FF-6.65/JY-FN-6.8/JY-FF-6.8 JY-FN-7.5/JY-FF-7.5/ JY-FN-8.5/JY-FF-8.5/JY-FN/FF-9.5
Rescue boat	: GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10 GJ7.50/GJ8.0Q-2/GJ8.5Q-2
Totally enclosed lifeboat	: JY-QFP/N-5.0/JY-QFP/N-5.25/JY-QFP/N-5.6/JY-QFP/N-6.0A JY-QFP/N-6.50/JY-QFP/N-7.0/JY-QFP/N-7.5/JY-QFP/N-7.50A JY-QFP/N-8.00/JY-QFP/N-8.50/JY-QFP/N-8.50X JY-QFP/N-9.35/JY-QFP/N-10.90A
Hook	: JX and JXN Series
Gravity luffing arm type davit	: JYL52/JYL55/JYL65/JYL68/JYL85/JYL105/JYL135
Launching appliance	: JYF55/JYF75/JYF75-A/JYF75-B/JYF90
Platform Davit	: JYP65/JYP85/JYP105/JYP135
Single arm davit	: JYR21/JYR21S-A/JYRC21/JYR14/JYRH14/JYRH21/JYR26/JYR30 JYR23
Electric Boat Winch	: FW45/JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100 JYWP135/JYW35/JYR221

Jiangsu Jiaoyan Marine Equipment Co.,Ltd. will provide above engineer with full support in terms of technical manual & drawings and spare parts for the repair and maintenance of the above products, manufactured by Jiangsu Jiaoyan Marine Equipment Co.,Ltd.

Date of issue: March 16<sup>th</sup>, 2023

Validity: March 16<sup>th</sup>, 2025

Jiangsu Jiaoyan Marine Equipment Co.,Ltd.  
(Jiangyin Xinjiang F.R.P.Co.,Ltd.)  
Yuecheng Town, Jiangyin City, Jiangsu Province

Hua Shizheng (General Director)





# 江苏佼燕船舶设备有限公司

## JIANGSU JIAOYAN MARINE EQUIPMENT CO.,LTD.

江苏省江阴市月城镇 Yue Cheng Town, Jiang Yin City, Jiang Su Province, P.R. China  
 邮编 Post Code 214404 电话 Tel +86 510 86591980 86581115 传真 +86 510 86581013  
 电子邮件 E-mail [emily@jyboat.com](mailto:emily@jyboat.com) 网址 Web [www.jyboat.com](http://www.jyboat.com)

### APPROVAL OF SERVICE ENGINEER

Certificate No. **JSJY2103-12**

This is to certify that

Engineer Name: Mr.Zhang Peiguo

DOB: February 15<sup>th</sup>, 1972

Company name: Ocean Rich Marine Co., Ltd



has been qualified and approved to be the service engineer to perform annual thorough examination, operational tests, the five-year thorough examination, any overhaul and overload operational tests required by IMO MSC.402(96) and 404(96) for the following described products under the name of Jiangsu Jiaoyan Marine Equipment Co.,Ltd. (Formerly: Jiangyin Xinjiang F.R.P.Co.,Ltd.) in China.

Product Type	Model
Free fall lifeboat	: JY-FN-4.9/JY-FF-4.9/JY-FN-5.8/JY-FF-5.8 JYM-FN-6.65/JYM-FF-6.65/JY-FN-6.8/JY-FF-6.8 JY-FN-7.5/JY-FF-7.5/ JY-FN-8.5/JY-FF-8.5/JY-FN/FF-9.5
Rescue boat	: GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10 GJ7.50/GJ8.0Q-2/GJ8.5Q-2
Totally enclosed lifeboat	: JY-QFP/N-5.0/JY-QFP/N-5.25/JY-QFP/N-5.6/JY-QFP/N-6.0A JY-QFP/N-6.50/JY-QFP/N-7.0/JY-QFP/N-7.5/JY-QFP/N-7.50A JY-QFP/N-8.00/JY-QFP/N-8.50/JY-QFP/N-8.50X JY-QFP/N-9.35/JY-QFP/N-10.90A
Hook	: JX and JXN Series
Gravity luffing arm type davit	: JYL52/JYL55/JYL65/JYL68/JYL85/JYL105/JYL135
Launching appliance	: JYF55/JYF75/JYF75-A/JYF75-B/JYF90
Platform Davit	: JYP65/JYP85/JYP105/JYP135
Single arm davit	: JYR21/JYR21S-A/JYRC21/JYR14/JYRH14/JYRH21/JYR26/JYR30 JYR23
Electric Boat Winch	: FW45/JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100 JYWP135/JYW35/JYRZ21

Jiangsu Jiaoyan Marine Equipment Co.,Ltd. will provide above engineer with full support in terms of technical manual & drawings and spare parts for the repair and maintenance of the above products, manufactured by Jiangsu Jiaoyan Marine Equipment Co.,Ltd.

Date of issue: March 16<sup>th</sup>, 2023

Validity: March 16<sup>th</sup>, 2025

Jiangsu Jiaoyan Marine Equipment Co.,Ltd.  
 (Jiangyin Xinjiang F.R.P.Co.,Ltd.)  
 Yuecheng Town, Jiangyin City, Jiangsu Province

Hua Shizheng (General Director)





# 无锡市华海船用设备厂

**WUXI HUAHAI MARINE EQUIPMENT FACTORY**

Tel:86-510-88600520

Fax:86-510-88600021

## 委 托 书

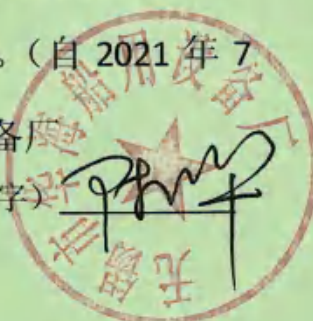
登 记 号: HHK035

发证日期: 20210722

青岛海裕船舶服务有限公司:

根据 SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402 (96) 规定, 委托贵公司检修本公司制造的起艇机、吊艇机、绞车。救生降落装置, 有效期 3 年 (见附件)。(自 2021 年 7 月 22 日至 2024 年 7 月 22 日止) 无锡市华海船用设备厂

授权人 (签字)



### Authorization Letter

REGISTER No: HHK035

ISSUED DATE: 20210722

**Qingdao Ocean Rich Marine Service Co.,Ltd**

According to SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402 (96) , We authorize your company to service our products all davits, winches and launching appliance (find the attachment).

The above authorization is valid for a period of 3years from 22 /7/2021to 22/7/2024  
In the event of any underperformance, the validity of any certificates shall be suspended and shall be reinstated after further competency assessment.

**WUXI HUAHAI MARINE EQUIPMENT FACTORY**

## 附件 Attachment

### 重力倒臂式吊艇架

Gravity Luffing Arm Davit

吊艇架型号 Type of Davit	图号 Drawing No.	最轻放艇负荷 Min. Lowering load (kN) W1	最大工作负荷 Max. working load (kN) W2	最大回收负荷 Min. recovery load (kN) W3
HML60	HML60-00	20	60	42
HML85	HML85-00	32	85	48

### 自由降落式救生艇降放装置

Free-fall Lifeboat Launching Appliance

艇架型号 Type of Davit	图号 Drawing No.	安全工作负荷 Safe working load (kN)	最轻降放负荷 Min. lowering load (kN)	最大回收负荷 Max. recovery Load (kN)	起艇速度 Hoisting speed (m/min)	液压系统工作压力 Working pressure of hydraulic systems (MPa)
HMD55F	HMD55F-00	55	27	42	≥3	17.5
HMD70F	HMD70F-00	70	37	50	≥3	17.5

### 救助艇/筏降放装置

Rescue Boats/liferafts Launching Appliances

产品型号 Model	21kN 手动 manual	21kN 电动 Electrical	25kN 电动 Electrical	21kN 电动 液压 Electrical hydraulic	25kN 电动 液压 Electrical hydraulic	32kN 电动 液压 Electrical hydraulic
图号 No. of drawing	HMD21D-00	HMD21D-00	HMD25T-00	HMD21-00	HMD25-00	HMD32-00
工作负荷 Working Load	21 kN	21 kN	25 kN	21 kN	25kN	32kN
回转负载 Slewing Load	14 kN	14 kN	14 kN	14 kN	14 kN	14kN



起升负荷 Hoisting Load	14 kN	14 kN	14 kN	14 kN	14 kN	14kN
起升速度 Hoisting Speed	/	≥18m/min	≥18m/min	≥18m/min	≥18m/min	≥18m/min
降放速度 Launching Speed	40-60m/min	40-60m/min	40-60m/min	40-60m/min	40-60m/min	40-60m/min
电能回转角度 Slewing Angle of Electric Power	/	≤330°	≤330°	≤330°	≤330°	≤330°
电能回转速度 Slewing Speed of Electric Power	/	≥0.8/min	≥0.25r/min	≥0.25r/min	≥0.25r/min	≥0.25r/min
蓄能回转角度 Slewing Angle of Accumulator	/	/	/	/	≤110°	≤110°
蓄能回转速度 Slewing Speed of Accumulator	/	/	/	≥0.5r/min	≥0.5r/min	≥0.5r/min
允许工作倾角 Allowable Working Inclination Angle	纵倾 trim 10° 横倾 heel 20°					

# 电动起艇绞车

Electrical Boat Winch

绞车型号 Type of Winch	图号 Drawing No.	最大工作负载 Max. working load (kN)	起升速度 Hoisting speed (m/min)	下放速度 Launching Speed (m/min)
HMW21	HMW21-00-0	21	18	40-60
HMW25	HMW25-00-0	25	18	40-60
HMW50	HMW50-00-0	50	10, 8/36	95-120
HMW75	HMW75-00-0	75	10, 8/18	50-60
HMW100	HMW100-00-0	100	10, 8/36	90-120
HMW110	HMW110-00-0	110	5, 8/18	50-60
HMW140	HMW140-00-0	140	5	50-60

HMW185	HMW185-00-0	185	5	50-60
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救助艇降放装置

Rescue Boats Launching Appliances



艇架型号 Type of Davit	图号 Drawing No.	安全工作负荷 Safe working load (kN)	起升负荷 Hoisting Load (kN)	降放速度 Launching Speed (m/min)	起艇速度 Hoisting speed (m/min)	液压系统工作压力 Working pressure of hydraulic systems (MPa)
HMD14A	HMD14A-00-0	14	14	40-60	≥18	17.5
HMD30A	HMD30A-00-0	30	30	40-60	≥18	17.5
HMD30A2	HMD30A2-00-0	30	30	48-60	≥48	17.5



# 证 书

姓名：张培国

性别：男

身份证：370223197202151511

单位名称：青岛海裕船舶服务有限公司



该学员于 2021 年 7 月 22 日参加我厂举办的起艇机、吊艇机、绞车。救生降落装置检修特殊培训，经考试成绩合格，准予参加起艇机、吊艇机、绞车。救生降落装置年检和 5 年检工作，（详细的型号和数据请参见公司授权附件）有效期至 2024 年 7 月 22 日。

发证单位：无锡市华海船用设备厂

公司

（盖章）

证书编号：HH21072205

发证日期：2021.7.22

## Certificate

Name :Zhang Peiguo

Sex: Male

Cert.No: HH21072205

ID No: 370223197202151511

Work Unit: **Qingdao Ocean Rich Marine Service Co.,Ltd.**

The said student has been trained by this company and passed the exam satisfactorily, According to SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402(96)and now granted to work for service **all davits , winches and launching appliance of annual thorough examination and Five yearly inspection (all the types and specifically state, please find the attachment)** This certificate is valid to 2024.7.22.

**Wuxi Huahai Marine Equipment Factory**



# 证书

姓名：刘春雷（监督员）

性别：男

身份证：371122198904286633

单位名称：青岛海裕船舶服务有限公司



该学员于 2021 年 7 月 22 日参加我厂举办的起艇机、吊艇机、绞车。救生降落装置检修特殊培训，经考试成绩合格，准予参加起艇机、吊艇机、绞车。救生降落装置年检和 5 年检工作，（详细的型号和数据请参见公司授权附件）有效期至 2024 年 7 月 22 日。

发证单位：无锡市华海船用设备厂

公司

（盖章）



证书编号：HH21072202

发证日期：2021.7.22

## Certificate

Name : Liu Chunlei (Supervisor)

Sex: Male

Cert.No: HH21072202

ID No: 371122198904286633

Work Unit: **Qingdao Ocean Rich Marine Service Co.,Ltd.**

The said student has been trained by this company and passed the exam satisfactorily, According to SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402(96)and now granted to work for service **all davits , winches and launching appliance** of annual thorough examination and Five yearly inspection (**all the types and specifically state, please find the attachment**) This certificate is valid to 2024.7.22.

**Wuxi Huahai Marine Equipment Factory**

# 证书

姓名：王亮亮 性别：男

身份证：370784200108131519

单位名称：青岛海裕船舶服务有限公司

该学员于 2021 年 7 月 22 日参加我厂举办的起艇机、吊艇机、绞车。救生降落装置检修特殊培训，经考试成绩合格，准予参加起艇机、吊艇机、绞车。救生降落装置年检和 5 年检工作，（详细的型号和数据请参见公司授权附件）有效期至 2024 年 7 月 22 日。

发证单位：无锡市华海船用设备厂

公司

（盖章）

证书编号：HH21072208

发证日期：2021.7.22

## Certificate

Name : Wang Liangliang

Sex: Male

Cert.No: HH21072208

ID No: 370784200108131519

Work Unit: Qingdao Ocean Rich Marine Service Co.,Ltd.

The said student has been trained by this company and passed the exam satisfactorily, According to SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402(96)and now granted to work for service all davits , winches and launching appliance of annual thorough examination and Five yearly inspection (all the types and specifically state, please find the attachment) This certificate is valid to 2024.7.22.

**Wuxi Huahai Marine Equipment Factory**



无锡市文教玻璃钢厂  
**WUXI WENJIAO G.F.R.P FACTORY**

Tel:86-510-88585801

Fax:86-510-88585803

**委 托 书**

登 记 号: QD021

发证日期: 20210723

青岛海裕船舶服务有限公司:

根据 SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402(96)规定, 委托贵公司检修我厂制造的开敞式、封闭式救生/救助艇, 自由降落式救生艇, 高速救助艇及承载释放装置检修。

(见附件) 委托有效期 3 年 (自 2021 年 7 月 23 日至 2024 年 7 月 23 日止)。

无锡市文教玻璃钢厂

授权人 (签字)

**Authorization Letter**

REGISTER No: QD021

ISSUED DATE: 20210723

**Qingdao Ocean Rich Marine Service Co.,Ltd.**

According to SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402(96)  
We authorize your company to service our products Life/Rescue Boats, Totally Enclosed life/Rescue Boats Free fall Lifeboats, Hi-speed rescue boat and release gear.  
(Find the attachment)

The above authorization is valid for a period of 3years from 23/7/2021 to 23/7/2024

In the event of any underperformance, the validity of any certificates shall be suspended and shall Be reinstated after further competency assessment.

**Wuxi Wenjiao Glass Fibre Reinforced Plastic Factory**  
Hongxi cun, Hong sheng town, Wuxi City, Jiangsu P.R China  
Tel :+86-13812080820 Fax :+86-510-88585803  
Website :www.wxwjblg.com E-mail :sales@wxwjblg.com

# 无锡市文教玻璃钢厂

## WUXI WENJIAO G.F.R.P FACTORY

Tel:86-510-88585801 Fax:86-510-88585803

E-mail: [sales@wxwjblg.com](mailto:sales@wxwjblg.com)

Add: Hongxicun, Hongshan Town, Wuxi, Jiangsu, PR China.

### ● 全封闭救生/救助艇

#### Totally enclosed life/rescue boat:

型号 Type	吊钩间距 Hook distance	最大乘员 Max. Person	总重 Totally Weight
WJB50F	4.5m	26P	4550kg
WJB50C	4.5m	26P	4255kg
WJ57F	5.3m	30P	5086kg
WJ57C	5.3m	30P	4748kg
WJ58F	5.5m	45P	6713kg
WJ58C	5.5m	45P	6433kg
WJ75F	7.1m	68P	9110 kg
WJ75C	7.1m	68P	8830 kg

### ● 自由降落式救生艇

#### Free Fall lifeboat:

型号 Type	降落高度 Fall height	最大乘员 Max. Person	总重 Totally Weight
WJ59FF	16m	20P	4950kg
WJ59FC	16m	20P	4650kg
WJ67FF	22m	30P	6937kg
WJ67FC	22m	30P	6637kg



●救助艇

Rescue boat:

型号 Type	吊钩间距 Hook distance	最大乘员 Max. Person	总重 Totally Weight
WJ40R	单吊	6P	1100kg
WJ45KR	单吊	6P	1123g
WJ45D3	单吊	6P	1335kg
WJ45D	3.5m	6P	1775kg
WJ55D	4.5m	6P	1975kg
WJ60RA	单吊	15P	2537
WJ60RB	单吊	15P	2687

●救生艇

Life boat:

型号 Type	吊钩间距 Hook distance	最大乘员 Max. Person	总重 Totally Weight
WJ45D	3.5m	10P	1600kg
BJ55	4.5m	12P	2242g
BJ60	5.0m	15P	2758kg
BJ65	5.5m	21P	3235kg
BJ70	6.0m	27P	4194kg
BJ75	6.5m	43P	5557 kg
BJ80	7.0m	50P	6766 kg
BJ85	7.5m	60P	7616 kg

●艇钩

**Release Hook:**

型号 Type	工作负荷 Working load
WJHK40	40KN
WJ30HK	30kN
WJHK55	55KN
WJ63HKC	63KN





# 证书

姓名：张培国

性别：男

身份证：370223197202151511

单位名称：青岛海裕船舶服务有限公司

该学员于 2021 年 7 月 23 日参加我厂举办的开敞式、封闭式救生/救助艇自由降落式救生艇，高速救助艇及承载释放装置检修特殊培训，经考试成绩合格，准予参加年检和 5 年检工作，（详细的型号和数据请参见公司授权附件），有效期至 2024 年 7 月 23 日。

发证单位：无锡市文教玻璃钢厂



证书编号：2021072306

发证日期：2021.07.23

## Certificate

Name :Zhang Peiguo

Sex: Male

Cert.No: 2021072306

ID No: 370223197202151511

Work Unit: **Qingdao Ocean Rich Marine Service Co.,Ltd.**

The said student has been trained by this company and passed the exam satisfactorily, According to SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402(96) and now granted to work for service **Life/Rescue Boats, Totally Enclosed life/Rescue Boats Free fall Lifeboats, Hi-speed rescue boat and release gear** of annual thorough examination and Five yearly inspection. **(all the types and specifically state, please find the attachment)** This certificate is valid to 2024.7.23.

**Wuxi Wenjiao Glass Fibre Reinforced Plastic Factory**



# 证书

姓名：刘春雷（监督员）

性别：男



身份证：371122198904286633

单位名称：青岛海裕船舶服务有限公司

该学员于 2021 年 7 月 23 日参加我厂举办的开敞式、封闭式救生/救助艇自由降落式救生艇，高速救助艇及承载释放装置检修特殊培训，经考试成绩合格，准予参加年检和 5 年检工作，（详细的型号和数据请参见公司授权附件），有效期至 2024 年 7 月 23 日。

发证单位：无锡市文教玻璃钢厂



证书编号：2021072303

发证日期：2021.07.23

## Certificate

Name : Liu Chunlei (Supervisor)

Sex: Male

Cert.No: 2021072303

ID No: 371122198904286633

Work Unit: **Qingdao Ocean Rich Marine Service Co.,Ltd.**

The said student has been trained by this company and passed the exam satisfactorily, According to SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402(96) and now granted to work for service **Life/Rescue Boats, Totally Enclosed life/Rescue Boats Free fall Lifeboats, Hi-speed rescue boat and release gear** of annual thorough examination and Five yearly inspection. (all the types and specifically state, please find the attachment) This certificate is valid to 2024.7.23.

**Wuxi Wenjiao Glass Fibre Reinforced Plastic Factory**

# 证书

姓名：王亮亮 性别：男

身份证：370784200108131519

单位名称：青岛海裕船舶服务有限公司



该学员于 2021 年 7 月 23 日参加我厂举办的开敞式、封闭式救生/救助艇自由降落式救生艇，高速救助艇及承载释放装置检修特殊培训，经考试成绩合格，准予参加年检和 5 年检工作，（详细的型号和数据请参见公司授权附件），有效期至 2024 年 7 月 23 日。

发证单位：无锡市文教玻璃钢厂

公司

（盖章）

证书编号：2021072308

发证日期：2021.07.23

## Certificate

Name :Wang Liangliang

Sex: Male

Cert.No: 2021072308

ID No: 370784200108131519

Work Unit: **Qingdao Ocean Rich Marine Service Co.,Ltd.**

The said student has been trained by this company and passed the exam satisfactorily, According to SOLAS Regulation III 20.3.2 and IMO/MSC.1/Circular 1206 rev.1/MSC.402(96) and now granted to work for service **Life/Rescue Boats, Totally Enclosed life/Rescue Boats Free fall Lifeboats, Hi-speed rescue boat and release gear** of annual thorough examination and Five yearly inspection. **(all the types and specifically state, please find the attachment)** This certificate is valid to 2024.7.23.

**Wuxi Wenjiao Glass Fibre Reinforced Plastic Factory**