

CCS Circular

China Classification Society
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TO: Surveyors, Relevant service suppliers:

Notice on Implementation of CCS' Provisional Provision for Approval of Service Suppliers for Lifeboats, Launching Appliances and On-load Release Gear

Be desirous of enhancing management of lifeboats, launching appliances and on-load release gear companies, ensuring service suppliers and relevant personnel providing above-mentioned services with corresponding qualification and in accordance with related requirements, ensuring lifeboats, launching appliances and on-load release gear organizations fitted on vessels and offshore units are effectively maintained, avoiding occurrence of lifeboat accidents and promoting safety of life at sea, CCS Provisional Provision for Approval of Service Suppliers for Lifeboats, Launching Appliances and On-load Release Gear is formulated by this society and now is formally released. This Provision is in accordance with Article III/20 and III/36 of SOLAS, requirements in MSC.1/Circ.1205/1206/1277, and relevant requirements of this society. This Provision also applies to manufacturers providing maintenance service for lifeboats, launching appliances and on-load release gear.

Upon issuance date of this notice, Suppliers engaged or will engage in maintenance service of CCS classed vessels and offshore lifeboats, launching appliances and on-load release gear, may submit a written application to the Classed ships in Service Department either directly or through survey branches of the Society.

Hereby notify the above.

Annex: Provisional Provision for Approval of Service Suppliers for Lifeboats, Launching Appliances and On-load Release Gear

This Circular is published on CCS website(www.ccs.org.cn) and to be forwarded by CCS branches to relevant service suppliers.

Please contact Classed Ship in Service Dept. of the Headquarters in case of any unclarity during the implementation of this Circular.

Annex:



China Classification Society

Provisional Provision for
Approval of Service Suppliers for
Lifeboats,
Launching Appliances
and On-load Release Gears

March.4 2012

1 General

- 1.1 BEING DESIROUS of promoting and ensuring safety of life at sea and avoiding lifeboat accident, and according to Regulation 20 and 36, Chapter III of the International Convention for the Safety of Life at Sea (SOLAS), requirements in MSC.1/Circ.1205/1206/1277, and Volumn.1 of Rules for Classification of Sea-going Steel Ships of China Classification Society, Provisional Provision for Approval of service suppliers for Lifeboats, Launching Appliances and On-load Release Gears (hereinafter referred to as “this Provision”) is hereby formulated, to guarantee effective maintenance of the aforesaid equipments.
- 1.2 This Provision is to stipulate requirements and procedures of China Classification Society (hereinafter referred to as “this Society or CCS”) on approval of service supplier that provide maintenance service for lifeboats/rescue boats, launching appliances, and on-load release gears (hereinafter referred to as “service supplier or company”).
- 1.3 Any service supplier that provide maintenance service to lifeboats/rescue boats, launching appliances, and on-load release gears on behalf of CCS-classed ship/offshore mobile unit owners, which may affect the surveyor’s decision on equipment compliance, shall be approved and managed according to the Provisional Provision.
- 1.4 Requirements of flag state administration shall be met in case of any special regulation thereof.

2 Approval/Audit Categories

- 2.1 Initial approval/audit: the first application for approval. Upon six months from automatic invalidation of the Approval Certificate or cancellation of the same by this Society, re-application shall be dealt with as the initial approval.
- 2.2 Renewal audit: verification audit prior to Approval Certificate expiry for renewal of the same service scope with the existing one.
- 2.3 Intermediate audit: verification audit for validity of the Approval Certificate within the valid period.
- 2.4 Additional audit: the audit on the following items to guarantee conformity and validity of the Approval Certificate:
- .1 Any change in work system of the approved service supplier, including the change of

company's name, address, personnel and/or personnel qualification;

.2 Any change in business scope of the service supplier;

.3 In-situ audits arranged by this Society about effectiveness of corrective measures on non-compliance;

.4 Additional audits arranged by this Society in case of a PSC detention which is related to supplier's service.

.5 Other additional audits arranged by this Society when necessary.

2.5 Vertical contract audit: in-situ audit in order to verify validity of service process, management control and quality, correctness of standards, codes, international conventions and special regulation of flag state used by operating personnel, and conformance of approved procedure documents and relevant operation guidelines, according to selected contract/order.

3 Approval Requirements

Service supplier applying for approval shall be compliant with the following requirements:

3.1 Basic conditions

3.1.1 The service supplier shall be an independent legal entity registered under laws of the host country/region. For application made by branches attached to equipment manufacturer of lifeboats/rescue boats, launching appliances, and on-load release gears (hereinafter referred to as "manufacturer"), or to independent legal entity that are also engaged in other businesses apart from services of lifeboats/rescue boats, launching appliances, and on-load release gears, this Society will give special considerations.

3.1.2 The registered capital shall not be less than RMB 500,000 Yuan. Oversea service supplier may refer to this requirement as well. The exchange rate of RMB to other currencies shall adopt the middle rate on the day of in-situ audit. For the company that is engaged in maintenance of fire extinguishers/systems, radio installation inspection, thickness measurements and other measuring businesses apart from aforesaid service, the registered capital shall be added by at least RMB 100,000 Yuan for each item.

3.1.3 The service supplier shall be equipped with fixed work place, file cabinet and archival repository/facility, sufficient service site and tools, spare parts, materials, appropriate devices and competent service staff.

3.1.4 The service supplier shall have the authorized documentation proving its capability of servicing lifeboats, launching appliances, and on-load release gears of different types manufactured by one or more manufactures.

3.1.5 The service supplier shall retain the latest rules, international conventions, special regulation of the flag state, technical standards, manufacturer instructions, and other technical documents relevant to its service items, and ensure technical support from the manufacturers available when necessary.

3.1.6 The service supplier shall establish and maintain a documented quality system.

3.1.7 The service supplier shall provide proving documents on which it has established fixed employment relation with its professional maintenance staff.

3.1.8 The service supplier shall prove that it has adopted necessary measures to protect personnel safety of maintenance staff.

3.1.9 The service supplier should develop operation guides or procedures.

3.2 Facility

The service supplier shall have appropriate facility separately for the following items:

- .1 Site for stowage of products to be repaired, serviced, and delivered;
- .2 Area for stowage and isolation of out-of-service products/parts;
- .3 Warehouse for stowage of raw materials, accessories, and spare parts;
- .4 Site for washing and cleaning of components and parts;
- .5 Appropriate rooms for work and relaxation.

3.3 Qualification and quantity of maintenance personnel

3.3.1 The service shall be provided by maintenance personnel with competent training certificate(s). The personnel is not allowed to simultaneously serve at two or more organizations or take part in services beyond the scope stipulated in his/her certificate(s).

3.3.2 The service supplier shall be responsible for qualification training of its maintenance personnel according to requirements in MSC.1-Circ. 1277. Upon approval of this Society, the initial approval training shall at least include: (1) accident cause of lifeboats, launching appliances, and/or on-load release gear system; (2) relevant rules and regulations, including international conventions ; (3) design and structure of lifeboats, including on-load release

gear and launching appliances; (4) education and practice trainings according to requirements in MSC.1-Circ. 1206; (5) detailed procedures for thorough examination, operational testing, repair, and overhaul of lifeboat, launching appliances and on-load release gear, as applicable.; and (6) procedures for issuing a record and statement fitness for purpose based on annex 1, paragraph 15 of MSC.1-Circ. 1206.

3.3.3 Each service supplier shall have at least 4 operators with training certificate(s) and approved by this Society, and at least 1 of them shall be qualified as the supervisor. For service supplier with branches, each branch shall have at least 2 approved operators with training certificate(s), and at least 1 of them shall be qualified as the supervisor. The headquarters of service supplier shall be equipped with appropriate technical and personnel support, and hold accountable for quality, safety, and legal liabilities of its branches. Special cases shall be subject to the consideration of this Society.

3.3.4 The operator shall have at least high school education or above and post training experience for at least 1 year. The supervisor shall have at least junior college education or equivalency in relevant major and at least 2 years' experience as an operator/technician. For those with sufficient evidence for rich experience in application item, the education requirement of supervisor can be given special consideration.

The supervisor shall be responsible for inspection and monitoring of service quality. Both the operator and the supervisor shall be fully experienced, familiar with all necessary operations, understand and master the design and structure of servicing lifeboats, launching appliances, and/or on-load release gears as well as the latest technical requirements hereof.

3.3.5 With regard to management, one technical personnel with professional technical certificate and qualified as engineer or above is required for business management and report audit. His/her professional technical requirement shall be equivalent to or above than that of a supervisor.

3.3.6 If NDT is needed when conducting maintenance service of launching appliances and on-load

release gears, it should be carried out by recognized NDT companies or NDT-certified personnel. If the service supplier does not have the relevant qualification, it should entrust other organizations to provide NDT service. The supplier's qualification and management shall be audited as per procedures of the service supplier. Subcontracting Agreement with the supplier is also required.

3.3.7 The service supplier should have the records of recognized supervisors, operators and technicians, which include personnel's name, age, ID No., education, relevant training records, service experience and other background information.

3.4 Equipments for maintenance and test

The service supplier shall have appropriate equipments and tools for maintenance and test in accordance with manufacturer's instructions, at least including:

- .1 Common and special disassembling devices and necessary portable devices for on-board maintenance;
- .2 Clearance measurement devices, e.g. plug gauge, vernier caliper, micrometer caliper etc.;
- .3 NDT equipments (if applicable), e.g. ultrasonic and magnetic particle testing equipment, penetrant testing equipment;
- .4 Hydraulic testing equipments (if applicable), e.g. pressure testing machine, pressure gage, manometer;
- .5 Inflatable equipments for pressure parts (if applicable), e.g. nitrogen gas cylinder, gas-charging connection;
- .6 Meters for voltage, current, and resistance measurement, e.g. multimeter, megameter;
- .7 Appropriate equipments for load test.

The service supplier should have service records of test equipment and tools, which includes equipment's type, model, manufacturer, date of coming into use and daily maintenance and inspection condition (if required). The operation instruction book of equipment will be considered as part of the record for stowage.

3.5 Materials and spares

According to requirements in MSC.1/Circ. 1277, the service supplier shall have sufficient

materials and spares which are subject to excessive wear for maintenance supplied by manufacturers. These materials and spares shall be consistent with the servicing products and to the satisfactory of manufacturers.

The list of spares and spare suppliers used by maintenance of service supplier should be confirmed by this Society. Spares used during service should be purchased from the suppliers also confirmed by this Society.

3.6 Files and data

3.6.1 The service supplier shall retain necessary international conventions, IMO resolutions, circulars, relevant requirements of CCS and flag state, and industrial technical standards relevant to its service;

3.6.2 The service supplier shall retain necessary drawings, documents, instructions, and operation & maintenance manuals of corresponding production types;

3.6.3 The service supplier shall have manufacturers' authorization, which certifies its authority to provide services to specific products and types;

3.6.4 The service supplier shall have documented operation procedures/guides which can cover all recognized services applied.

3.6.5 The service supplier shall have overhaul proofs (/statement) and test reports & records of Chinese-English bilingual version in standard format.

3.7 Quality system and quality control

3.7.1 In principle, the service supplier shall obtain Certificate of Compliance approved by the latest ISO9000 revision, and its quality system documents shall include at least:

- .1 Code of conduct on relevant activities;
- .2 Maintenance and calibration of equipment;
- .3 Training programmes for operators, technicians, and supervisors;
- .4 Supervision and verification, to ensure compliance with approved operational procedures;
- .5 Recording and reporting of information;
- .6 Quality control of branches and agencies (if applicable);
- .7 Job preparation;
- .8 Periodic review of work process procedures, complaints, corrective actions and issuance,

maintenance and control of documents .

3.7.2 When applying to this Society for approval of its designated branches/subdivisions, the applying supplier should implement the newest ISO9000 quality system and have got the Quality Management System Certificate. The supplier should ensure its branches have the equivalent quality system of the newest ISO9000 and have been carried out effective control. This society will carry out audits to its branches depending on the particular situation, and verify the quality system used by its Headquarters has been fully implemented.

3.7.3 The service supplier shall control the following activities and prove its effective proceeding with documents and records, etc.

3.7.3.1 Code of conduct

The service supplier shall formulate corresponding code of conduct to regulate conducts of its personnel, in order to ensure that all the activities are in compliance with the laws and regulations of the host country/region as well as the well-received professional ethics and conduct codes.

3.7.3.2 Files and information

The service supplier shall retain files and data required in 3.6 of this Provision, which shall keep updated and effective.

The operation procedures/guides mentioned in 3.6.4 requires the supplier to formulate relevant management measures to damage & defect treatment methods found during service besides making regulations towards process and operation of specific service. These measures include making records in the Service Log book made by the company when damage and defect are found, reporting the serious damage and defect to the manufacturer, etc.

3.7.3.3 Survey record, report

- .1 Service log book should be made to record details of service, survey process;
- .2 Overhaul proof, record and report should be filled accurately and integrallty;
- .3 Overhaul proof, record and report should be identified so as to be traced to the specific

lifeboat serviced, and vice versa.

- .4 Overhaul proof, record and report should be endorsed by person with relevant responsibility in the company, and at the same time, by representative from shipping company or by master.
- .5 Overhaul proof, record, report and service log book should be kept for at least 10 years from the date of service.

3.7.3.4 Service process

The service supplier should offer services according to recognized operation procedures and guides, and records submitted after service should at least include the following:

- .1 Type, specification and serial number of the product;
- .2 Checklist of maintenance/testing items;
- .3 Applicable maintenance basis;
- .4 Specifications of maintenance equipments and measurement instruments (including identification number and date of previous calibration).
- .5 Test date and location;
- .6 Maintenance results.

One copy of overhaul proof, record, report should be provided to the ship for storage and another copy should be kept by the supplier for future audit.

3.7.3.5 Supervision and verification

Ensure all services to be carried out as per regulation, in accordance with the requirements of operation procedures/guides, and with certification.

3.7.3.6 An effective control, identification, and maintenance system shall be established for all necessary equipments for service, and all relevant regulations shall be executed in a strict manner, to ensure effective verification and serviceability of the equipments.

3.7.3.7 Regular checks shall be conducted on work process, complaint settlement, corrective measures, and document issuance & maintenance & control. Regular management review and interior audit should be carried out as planned, and relevant records should be kept. The review interval should not exceed 12 months.

3.7.3.8 The service supplier shall perform job trainings and follow convention changes, to provide

service personnel with the latest technical requirements and promote their service skills.

3.7.3.9 Subcontracting

If any service is subcontracted, the service supplier shall provide Subcontracting Agreement and quality control measures on the subcontractors. The service provided by the subcontracting party is also subject to relevant requirements in 3.3.1 and 3.7.

3.7.3.10 Out-of-service equipments and replaced parts and spares shall be effectively controlled to avoid misuse.

3.7.3.11 Prior to service, the service supplier shall ask for the previous service statement and record and check the equipment certificate (original certificate for new equipment) of the serviced item for reference. The service shall be provided according to applicable maintenance manual.

3.7.3.12 Service items for lifeboats, launching appliances, and/or on-load release gears should in accordance with SOLAS, MSC circulars, and requirements from Flag State Administrations, and shall include at least applicable items in Appendix 1, 2, and/or 3 hereof. It should be noted that the service items listed in the appendixes are only example, service items will be based upon concrete type as lifeboat systems are different from each other.

3.7.3.13 Each Service shall be recorded and be open to trace. The record should at least include service log (indicating the equipment manufacturer, type, subordinated ship, manufacture date and No., rated performance parameters, especially the defects found, repair items, and out-of-service parts/devices), overhaul proof, and service record/report.

4 Initial Approval Procedures

4.1 Application

Suppliers may submit a written application to the Classed ships in Service Department of CCS headquarter either directly or through survey branches/overseas offices of the Society, with approval information for assessment as well.

The initial approval procedures will be launched for service suppliers having passed the pre-evaluation. Rejection of application will be informed to the applicant after evaluation.

4.2 Data for initial application shall be submitted in duplicate, and overhaul proof/record, report,

and service log in triplicate for audit purpose. Electronic files are acceptable for initial application. After audit, however, final written document in duplicate is to be submitted to this Society. Document includes but not limited to:

- .1 Company's full name for registration, detailed address, post code, telephone number, fax number, and e-mail address, etc.;
- .2 Business license/registration certificate; company profiles, including basic information, property, organizational and management structure etc.;
- .3 Experience in application items;
- .4 A list of manufacturers of lifeboats, launch appliances, and on-load release gears to whom the applicant serves as agent;
- .5 Copy of manufacturer's authorization document/agreement, that certifies availability of necessary technical supports, tools, and spares from the manufacturer;
- .6 List of operators/supervisors/technicians as well as their education background, relevant training certificate(s), and work experience;
- .7 Site deployment by the supplier (Site Layout to be attached);
- .8 Description of types, number, and verification certificate of main equipments and measuring instruments, in the form of checklist and copy of certificate to be attached (if applicable);
- .9 Quality manual and/or quality system control documents, covering quality management requirements of this Interim Provisions; quality management system certificate (if applicable);
- .10 Technical documents, including service working procedures/operation instruction/guide and checklist of relevant technical standards;
- .11 Supplier checklist (including suppliers of materials, parts, and spares) relevant to application items, and control method on suppliers' product quality;
- .12 Templates of overhaul proof, record/report used during service (Chinese-English bilingual version).
- .13 Evidences of approval or acceptance by other organizations, e.g. certificate (if appropriate);
- .14 Supporting documents of staff employment and insurance (if any);
- .15 Information of other activities relevant to approval application or with possible interest conflicts;

The information supplied by the company should show its capacity to be in compliance with the Provision 3, that is, the company has necessary qualification and ability to offer services of recognized items applied.

After a satisfactory document review , one sample of overhaul proof/record, report, and log thereof will be returned to the applicant.

4.3 In-situ audit

4.3.1 Upon satisfactory document review, the in-situ audit will be conducted. In-situ audit is to verify in site that all recognized requirements in the Provision 3 have been in accordance with.

4.3.2 A vertical contract audit, as a part of initial audit, is generally arranged for service provided by the applicant, to verify sufficient capability in application items and correct completion of report/record.

4.3.3 As for the Non-Conformity found during audit, the company should make corrective measures and rectify within a limited time. After rectification, relevant evidence should be submitted to this Society.

4.4 Approval Certificate

Upon satisfactory results of the initial audit, CCS audit branch will issue a temporary certificate with the valid period of not more than 5 months since the completion date of audit.

After CCS headquarters' approval according to corresponding procedures, an Approval Certificate with the valid period of not more than 3 years will be issued. The company will be added into the approved service supplier list of this Society.

The Approval Certificate is only to certify that, the service coverage have passed stipulated procedures of this Society and complied with CCS requirements, and the service supplier is of corresponding capabilities.

4.5 Approval of non-manufacturer-approved service suppliers

4.5.1 According to Regulation 5 of Annex, MSC.1/Circ.1277, when the manufacturer is not engaged in relevant business or provide technical support any longer, if service supplier can provide evidence proofing the manufacturer had been approved, or/and the manufacturer have sufficient maintenance experience & expertise and the service quality can be ensured, then this Society may give consideration to the qualification approval of particular products and types.

4.5.2 The maintenance services of particular products and types of Lifeboats, Launching

Appliances and On-load Release Gears are generally carried out by approved manufacturers, or their approved service supplier, or organizations granted qualification as per 4.5.1 above. If there is no manufacturer or no service supplier can be appointed to supply service, as an exceptional case, this Society may adopt Single Vessel Authorization on a case-by-case basis. In other words, this Society may invite suppliers recognized by Flag State Administration/CCS/IACS member societies to provide services for particular products and types. The following requirements should be met in terms of Single Vessel Authorization:

.1 The service supplier is able to explain why manufacturer or its approved organization cannot provide service.

.2 The service supplier should have the instructions/operation and maintenance booklets of corresponding products, understand and master the structure of the equipment as well as defects and malfunction that easily happen, and have written resolution and methods ,such as practical operation test after service, to ensure the service quality .

.3 The service supplier has/is able to get necessary maintenance service tools (Disassembling work tools in particular), spares and materials;

Single Vessel Authorization service supplier should adopt necessary techniques and quality-guarantee measures to ensure its service is of the same reliable level of that of manufacturers or approved suppliers. And the supplier should provide services under the in-situ supervision of surveyors from this Society.

5 Audit after Approval

5.1 Intermediate audit

Within the valid period of Approval Certificate, one intermediate audit is to be applied by the company to this Society. The items of intermediate audit are the same as that of initial audit so to ensure the company is in continuous compliance with the recognition conditions. When applicable, the intermediate audit will verify the effectiveness of corrective measures required by the last audit. The Approval Certificate will be endorsed upon satisfactory audit to keep its validity.

The intermediate audit shall be conducted between the first and second anniversary dates

within the valid period, namely, during the period of 18 ± 6 months prior to its expiry.

5.2 Renewal audit

Application shall be made for certificate renewal prior to expiry date. The items of renewal audit are the same as that of initial audit. When applicable, the renewal audit will verify the effectiveness of corrective measures required by the last audit. Upon request, renewal audit will be added with audits to specific maintenance & service items. Upon satisfactory audit, CCS audit unit will issue a temporary certificate with the valid period of not more than 5 months since the date of audit completion. Upon approval of work files by CCS headquarters according to corresponding procedures, an Approval Certificate with the valid period of not more than 3 years will be issued. If the audit is completed within 3 months prior to expiry of existing Approval Certificate, the valid period of the renewed certificate shall be not more than 3 years since the expiry of the existing long-term certificate; if the audit is completed before 3 months prior to expiry of existing Approval Certificate, the valid period of the renewed certificate shall be not more than 3 years since the completion date of audit.

5.3 Additional audit

If any change occurs in items included in 2.4.1 and 2.4.2 of this Interim Provisions after approval, additional audit will be arranged by this Society, with the scope determined according to specific cases.

Additional audit will be arranged by this Society for the cases included in 2.4.3 and 2.4.5 of this Provisions if deemed necessary.

Upon satisfactory audit results, the Approval Certificate will be signed or reissued.

5.4 Vertical contract audit

This Society reserves the right to conduct unscheduled vertical contract audits to guarantee service quality and certificate validity. It can be combined with in-situ audit, performed upon receiving feedback of PSC detention, relevant parties' complaints, or ship accident investigation involving service quality, or arranged according to vertical contract audit plan formulated by CCS headquarters based on specific cases.

6 Duties and Responsibilities of Service Suppliers

- 6.1 Service supplier should guarantee its activities are in accordance with the laws of the host country, and it will play by the laws.
- 6.2 Service supplier should ensure the quality system established in line with the Provision/ISO9000 keeps operating efficiently, and business is carried out in strict compliance with relevant regulations, codes, and technical standards.
- 6.3 Service supplier should be responsible for training and management of its maintenance and technical personal so to ensure all staff is competent.
- 6.4 Tools, equipment, appliances are provided, maintained, used and stored as stipulated, which should be regularly calibrated as per relevant requirements of measurement units in the host country, so to ensure the quality and accuracy of the service.
- 6.5 Strengthen company's management and moral education of the personnel, and establish responsibility system of safe quality to ensure service quality from the system.
- 6.6 Protect the personnel safety of the personnel when providing services.
- 6.7 Service supplier should abide by the confidentiality regulation. Sensitive information got in the business should not be revealed to the third party without the consent of applicant (requesting party) or this Society.
- 6.8 Service supplier should assist this Society actively in various audits, supervision and quality investigation; accept inquiries towards service quality and service results as well as supervision in different forms by this Society; upon request, provide background information and technical files came out during services; timely correct problems found in audits and supervision; pay audit and other necessary fees according to rules.
- 6.9 Service supplier should provide services within the approved service scope. For services beyond the approved service scope, Single Vessel Authorization should be adopted with written notification sent to this Society or Flag State Administration. No service beyond approved service scope should be provided without permission.
- 6.10 When service system (including company's name, address, personnel information) or service scope is changed, service supplier should timely notify this Society.
- 6.11 Service supplier should ensure the authenticity and accuracy of its service data, and bear all liabilities for lost and damage to this Society or other parties which are intentionally or blamelessly caused when providing services.

7 Invalidation of Approval Certificate, Cancellation & Restoration of Qualification

7.1 In any of the following cases, the Approval Certificate will be deemed as invalid:

- .1 Request by the service supplier;
- .2 Automatically become invalid in case of overdue application for audit or failure to complete the audit upon expiry of audit as per 5.1 and 5.2 of this Provisions;
- .3 Fail to adopt appropriate corrective measures when non-compliance or defects found by the auditor/surveyor;
- .4 Fail to inform this Society in case of any change in work system of the service supplier.

7.2 This Society reserves the rights to cancel the approval. In any of the following cases, the approval will be cancelled:

- .1 The certificate has expired for more than 6 months;
- .2 The non-compliance found after certificate's expiry has not been corrected within stipulated period, and no extension has been granted from the CCS headquarters;
- .3 Accident of ship/marine facilities and relevant equipments, or ship detention in PSC and FSI inspections for 2 or more times during 1-year interval, which is proved to be responsibility of service company through quality investigation;
- .4 Inappropriate services against ethical standards;
- .5 Providing fake service or fake report, which is proved to be intentional;
- .6 Any intentional misconducts.

7.3 Restoration and re-approval of qualification

The qualification can be restored, provided the overdue audit is completed or the non-compliance found is satisfactorily corrected within 6 months after Invalidation of Approval Certificate, for which the Approval Certificate will be re-endorsed/reissued with the same valid period as the original. No relevant service shall be provided prior to qualification restoration from avoidance of Approval Certificate, unless exceptionally approved by competent departments of CCS headquarters.

For service suppliers whose qualification is cancelled as per the Provision 7.2.1-7.2.3, no re-approval application is accepted within at least 3 months hereafter; For those whose qualification is cancelled as per the Provision 7.2.4-7.2.6, no re-approval application is accepted within 12 months hereafter; and no re-approval application is accepted for suppliers whose qualification are cancelled due to serious misconduct like serious violation of morality.

8 Charges

8.1 The applicant shall pay costs, travelling expenses, and other necessary fees as per relevant regulations.

8.2 Added charges may be charged on the applicant by CCS for repeated service due to the client.

9 Execution

9.1 This Provision comes into effect upon the day of issuance.

9.2 This Provision is subject to interpretations of CCS.

10 Appendixes

Appendix 1: Lifeboat Checklist

Appendix 2: Launching Appliance Checklist

Appendix 3: On-Load Release Gear Checklist

Appendix 1: Lifeboats Checklist

Service Items	Scope of Inspection	Remarks
Outer appearance examination of hull	All labels and identification marks are clear with no serious corrosions.	
	Check the outer color and confirm no breakage of peelings, cracks etc.	
	Check for deformation of the hull.	
	Check the tightness of the hull. Check whether door/window strips are damaged. If condition permits, check the tightness through flushing test.	
	Check for abnormality of retro-reflective tape.	
	Check for fastness of ladder seat and rail, and no breakage of lifeline	
Fitting inspection	Check for abnormality of painter release device.	
	Confirm fendering in good condition.	
	Confirm no breakage of equipment box and storage box.	
	Check safe belts in normal condition.	
	Confirm all equipment have been fully fitted as per Equipment Provision List. Check the expiry date of food, fresh water, first aid medicine and smoke signals.	
	Check the warning sign and instructions.	
Engine and propulsion system	Check for abnormality of main engine.	
	Check whether fuel oil, lubricating oil and cooling water of main engine need to be refilled or replaced. Check for leakage.	
	Check fuel oil pipes and fuel tanks.	
	Confirm steering system and shaft in good condition.	
	Inspect for any damage of propeller and guard	
	Check meters in proper indication. Confirm temperature of water and oil as well as tachometer in normal condition.	
	Engine should run for a total period of not less than 3 min (if applicable). Inspect ahead/aster operation and verify function of reversion in compliance with requirements.	

Rudder system inspection	Confirm rudder blade, rudder stock in good condition and with no corrosion.	
	Confirm the good operation of hydraulic steering control system.	
	Operate emergency tiller to make sure emergency steering system operate well.	
Electric system	Confirm battery and switch in compliance with starting requirements. Two packs of batteries can be initiated separately.	
	Confirm the connection charging for batteries are in good condition.	
	Confirm inside lamps, indicating lights, search lights are in good condition.	
	Confirm magnetic compass is in good condition.	
	Check whether electric wires are damaged or corroded. Joints have no looseness or corrosion.	
Bailing system	Confirm manual pump is in good condition.	
	Confirm bailing piping is not blocked or damaged.	
	Confirm drain plugs/valves is not corroded or damaged.	
Fire extinguisher inspection	Confirm the fire extinguishers provided on the lifeboat have been maintained by recognized firefighting service supplier.	
Sprinkler system	Confirm sprinkler pump and main engine connection belt are in good condition. Spray pipe, spray nozzles have no corrosion or blocking.	
	Check good operation of sprinkler system. If condition permits, sprinkler test should be carried out.	
Air supply system	Confirm bottle valve, air pipes, air bleeder connection are in good condition. Open air cylinders to make sure the pressure is enough. Air cylinder should be checked one by one. Check the pressure value on the pressure meter. (Pressure value of air cylinder and blow-off pressure can be found in the operation manual.)	
	Open air bleeder (close immediately). Confirm air bleeder and meter in good condition.	

	Outer appearance inspection to air cylinders should be carried out each year, and hydrostatic testing to air cylinders every 5 years.	every 5 years
	Check for abnormalities of air pressure balance valves.	
Hook release system	Check the connection of base and hull, and of base and hook, confirm no corrosion.	
	Operate release handle to release hooks. Confirm hooks can be released simultaneously.	
	Deformation and crack inspection for main components. (Dye penetrant inspection may be carried out after test.)	every 5 years
	Check all control and release cables are in good condition.	
	Check the hydrostatic interlock system, where fitted.	
	Check hooks for locking and resetting function.	
	Check the assembly free play between moving parts.	
	1.1times loading test	every 5 years
	Operational test of on-load release function	
	Operational test of no-load release function	

Note: Requirements above are for yearly inspection. Items in the remarks are for quinquennial inspection.

Appendix 2: Launching Appliance Checklist

Davit		
Service Items	Scope of Inspection	Remarks
Frame	Check for looseness, misalignments, corrosion, deformation and depression.	
Davit arm	Check for looseness, misalignments, corrosion, deformation and depression.	
	Turn out from Stowage position.	
	Reset from the lowering position.	
Sheave, suspension block	Check wear and corrosion.	
	Check moving condition.	
	Lubricate/ grease.	
Hinge pin, sheave pin	Lubricate/ grease.	
Boat fall	Check diameter and corrosion	
Limit switch of davit arm and stop unit	Check wear and corrosion.	
	Check out clearance of limit switch positioned between frame and davit arms (fore and aft), and test the operation of limit switch.	
	Check moving condition for stop unit.	
	Lubricate/ grease.	
Boat fall rope, turn buckle	Check corrosion, wear, breakage, rupture, kinking and looseness for fall rope.	
	Lubricate/ grease.	
	Check securing condition of fall rope.	
	Replace fall rope in excess of the regulation (5 years, or less than a interval period of 5 years).	every 5 years
Lashing wire rope	Check wear, corrosion and securing condition.	

Deck operation device	Check securing condition.	
	Lubricate/ grease.	
Remote control wire	Check wear and corrosion.	
	Check securing condition.	
	Lubricate/ grease.	
Boat chock	Inspect wear and corrosion.	
Hydraulic system	Check out corrosion and leakage of pipe system, replace oil if necessary.	
Stored power system	Inspect charging pressure and corrosion.	
Boat Winch		
Winch foundation	Check looseness or corrosion.	
Gear box, gear, bearing, oil seal	Open to inspect wear of gear surface.	
	Inspect lubrication level and deterioration. Replace if necessary.	
	Check unusual noise.	
Brake device (centrifugal brake)	Open and inspect wear of brake device.	
	Check wear of brake pad.	
	Check corrosion or any defects.	
	Check out reset.	
Fastening device of wire drum	Inspect corrosion and looseness.	
Brake lever	Check corrosion or any defects.	
	Check operation condition. Adjust to proper angle if considered necessary.	
Remote control system	Lubricate/ grease.	
Dynamic winch brake test	The brake should be abruptly applied when empty boat has reached its maximum lowering speed and before the boat enters the water (at annual operational testing)	
	The brake should be abruptly applied at maximum lowering speed loaded to a proof load equal to 1.1 times	every 5 years

	weight of boat and its full complement of persons and equipment or equivalent load.	
Electronic parts		
Electric motor	Check out insulation and wiring.	
	Carry out function test and confirm normal operation.	
Limit switch	Check wiring.	
	Carry out function test and confirm normal operation.	
	Lubricate/ grease.	
Push-button box and cable	Check wiring, insulation and other defects.	
	Confirm normal operation.	
Start panel	Check wiring, insulation and other defects.	
	Carry out function test and check normal operation.	
Others		
Warning signs & instructions	Check for post location, labels, text etc.	

Note: Requirements above are for yearly inspection. Items in the remarks are for quinquennial inspection.

Appendix 3: On-load Release Gear Checklist

Service Items	Scope of Inspection	Remarks
Outer appearance inspection	Check the connection between base and hull as well as base and hook. Check corrosion.	
Thorough examination or overhaul after brake testing	Check out release gear system.	
	Equipment and component overhaul	every 5 years
	Check the assembly free play and damage of moving parts.	
	Check control and release wires.	
	Check the hydrostatic interlock system, where fitted.	
	Hooks can be fastened and reset well.	
Adjustment after assembly	Check normal operation.	every 5 years
	Check locks.	every 5 years
Operational test of release function	Operational test of on-load release function (operate on-load release; Confirm it is reset without damage)	
	Operational test of no-load release function (operate no-load release; reset the release equipment)	
	1.1times loading test	every 5 years
Post-test outer appearance inspection	Deformation and crack check for main components. (Dye penetrant inspection may be carried out afterwards.)	every 5 years
Inspection for simultaneous release of hooks	Operate release handle to release hooks. Confirm fore and aft hooks can be released simultaneously.	

Others		
Warning signs & instructions	Check for post location, labels, text etc.	

Note: Requirements above are for yearly inspection. Items in the remarks are for quinquennial inspection.