

Survey Arrangement of Pleasure Vessels

According to Code of Practice for Safety Standards for Class IV Vessels (please visit the Marine Department website : [http:// www.mardep.gov.hk /hk/pub_services/ocean/pdf/lvs_cop4c.pdf](http://www.mardep.gov.hk/hk/pub_services/ocean/pdf/lvs_cop4c.pdf))

1 Inspection and Certification

- 1.1 Inspection requirements and issue of inspection certification for Class IV vessels are to be in accordance with the following table:

No of Passengers Permitted to Carry	Existing Vessel		New Vessel	
	not engaged in chartering	engaged in chartering	not engaged in chartering	engaged in chartering
More than 60	Note (b)	Note (b)	Note (b)	Note (b)
13 to 60	-	Note (a)	-	Note (a)
Not more than 12	-	Note (a)	-	Note (a)

Note:-

- (a) To be inspected and certificated by an authorized surveyor / organization in accordance with the requirements of the Code. (*see appendix I for sample of Certificate of Inspection*)
- (b) To be surveyed and certificated by an officer of the Marine Department in accordance with the requirements prescribed in Chapters I and III-A of the Code.
- 1.2 Provisions in Merchant Shipping (Local Vessels)(Certification and Licensing) Regulation on matters relating to restrictions on Class IV vessels and let for hire or reward. (*see appendix II*)

2 Application for Inspection and Fees

- 2.1 The owner or agent of any vessel carrying not more than 60 passengers and engaged in chartering should apply as required to an authorized surveyor/organization for the relevant statutory inspections. The fees and charges should be settled between the owner/agent and the authorized surveyor/organization.
- 2.2 The owner or agent of any vessel carrying more than 60 passengers should apply as required to the Marine Department for relevant statutory inspections and pay relevant fees.

3. Authorized surveyor

- 3.1 May include any person of the following classes, subject to formal authorization having been issued by the Director:
- (i) Registered Professional Engineer (Marine and Naval Architecture);
 - (ii) classification societies;

To check list of Authorized surveyor, please visit Marine Department web site: :
http://www.mardep.gov.hk/en/pub_services/ocean/pdf/lvs_list.pdf

4 Application

- 4.1 Subject to the following section 4.2 , this Code applies to all pleasure vessels which are required to be licensed as Class IV vessels; with the applicable Chapters and Annexes indicated in the following table:

Vessel Status No. of Passengers / Chapter and Annex	Existing Vessel		New Vessel	
	not engaged in chartering	engaged in chartering	not engaged in chartering	engaged in chartering
(a) More than 60	Ch. I, III-A (sect.1.2 applicable), Annex 1A, 1B	Ch. I, III-A (sect. 1.2 applicable), Annex 1, 1A, 1B	Ch. I, III-A, Annex 1A, 1B	Ch. I, III-A, Annex 1, 1A, 1B
(b) 13 to 60	Ch. I, IV~ IX Annex 1A, 1B 2, 4A	Ch. I, II, III, IV~ IX, Annex 1, 1A, 1B, 2, 3, 4, 4A,5	Ch. I, IV~ IX Annex 1A, 1B, 2, 4A,	Ch. I, II, III, IV~ IX, Annex 1, 1A, 1B, 2, 3, 4, 4A,5
(c) Not more than 12	Ch. I, IV~ IX Annex 1A, 1B, 2, 4A	Ch. I, II, III, IV~ IX, Annex 1, 1A, 1B, 2, 3, 4, 4A,5	Ch. I, IV~ IX Annex 1A, 1B, 2, 4A	Ch. I, II, III, IV~ IX, Annex 1, 1A, 1B, 2, 3, 4, 4A,5

- 4.2 This Code does not apply to any vessel -

- (a) which is a pleasure vessel -
 - (i) from a place outside Hong Kong; and
 - (ii) which does not remain in the waters of Hong Kong for more than 182 days out of 365 consecutive days;
- (b) which is a pleasure vessel -
 - (i) not fitted with an engine; and
 - (ii) in the opinion of the Director, incapable of being fitted with an engine;
- (ii) (c) which has never been launched.

General Requirement and notes for pleasure vessels:

- i) **Safety inspection item.** (*refer to appendix III*)
- Minimum height of handrail and bulwark is 1.0 m and stairway should be fitted with suitable handrail and of appropriate inclination. Warning notice to be provided if the requirement cannot be reach.
 - Collision bullhead must be watertight while underway.
- ii) **Fire fighting appliance** (*refer to appendix IV*)
- Fire pump may be replaced by fire extinguisher.
 - No fire extinguisher is required for jetski.
 - Fire-fighting appliances should be of an approved type. Appliances approved by the maritime administration of a convention country, or classification society on behalf of an administration in accordance with the recommendations of the International Maritime Organization (IMO) are acceptable. In any vessel carrying not more than 12 persons, fire-fighting appliances approved by the national maritime authority of their country of manufacture are acceptable.
- iii) **Life saving appliance** (*refer to appendix V*)
- All life-saving appliances should be of an approved type. Appliances, which conform to the International Life-Saving Appliance (LSA) Code, adopted by the Maritime Safety Committee of IMO by Resolution MSC.48 (66) and approved by the maritime administration of a convention country or a classification society on behalf of a maritime administration are acceptable.
- iv) **Light and sound signals** (*refer to appendix VI*)
- Power Driven Vessels $L < 12$ m may, in lieu of the lights prescribed in 4.4 above, exhibit an all-round white light and sidelights.
 - Power Driven Vessels $L < 7$ m and maximum speed not exceed 7 knots may, in lieu of the lights prescribed in 4.4 above, exhibit an all-round white light and shall, if practicable, also exhibit sidelights.
- v) **Calculation of allowable passengers numbers** (*refer to appendix VII*)
- Maximum Carrying Capacity and Seating for enclosed deck vessel;
total number of persons = $L \times B \times 0.4$

L = vessel's (deck) length overall in metres
B = vessel's maximum breadth in metres
 - Maximum Carrying Capacity and Seating for open deck vessel
- | L × B numeral | Total Number of Persons |
|---------------|-------------------------|
| ≤ 5 | 2 |
| >5 to ≤ 10 | 3 |
| > 10 | 4 |
- An increased capacity may be considered subject to a satisfactory inclining test being conducted or certificates issued by Builder or recognized classification society or authorized surveyor or authorized organization indicating the maximum number of carrying capacity.

CERTIFICATE OF INSPECTION (CLASS IV VESSEL)

商船(本地船隻)條例

檢查證明書(第IV類別船隻)

船隻擁有權證明書號碼 Certificate of Ownership	船名 Name of Vessel	
總長度(LOA) (米) Length overall (LOA)(metre)	長度(L) (米) Length (L)(metre).....	最大寬度(米) Extreme Breadth (metre)
總噸位 Gross Tonnage	淨噸位 Net Tonnage	建造日期 Date of build
全船引擎總動力 (千瓦) Total engine power on board (kW).....	Let for hire or reward 出租以收取租金或報酬的人數	Number displayed in Operating Licence 在運作牌照顯示的人數
總乘客人數 Total number of passengers		
最少船員人數 Minimum number of crew		
允許運載總人數 Total number of persons permitted		

茲證明上述船隻已由下列人士/機構進行檢驗

This is to certify that the above named vessel was examined by
機構名稱 of.....
於 at日期 on

並顯示已符合相關規例及“工作守則-第IV類船隻安全標準”的相關規定。夾附的檢驗記錄與核證最高可運載量(包括乘客與船員)等記錄，連同安全設備清單，包括消防設備、救生設備、燈號、號型及聲號經核實確定有設置、維修及存放船上。

and found to be in accordance with the relevant regulations and relevant requirements of the “Code of Practice – Safety Standards for Class IV vessels”. Attached are the Inspection Record, record on the certified maximum carrying capacity of persons (including passengers and crew) etc. and the listed items of safety equipment including fire-fighting appliances, life-saving appliances and lights & sound signals, which are confirmed, equipped, maintained and kept onboard.

本證書有效期至..... 但船隻、其機器及設備應保持有效維修及按上述安全工作守則的規定檢驗和下列條件(如有): -

This certificate will remain valid until subject to the vessel, its machinery and equipment being efficiently maintained and examined in accordance with the above-mentioned Code, and to the following conditions, (if any): -

核准操作範圍是在香港水域及下列限制 (如有) the permitted area of operation is within waters of Hong Kong and with restrictions as follows (if any): -.....

船上排/乾塢檢驗的最近一次日期 / Date of last slip or docking inspection on _____

上一次最後檢查日期 / Date of pervious final inspection on _____

簽發於 Issued at 日期 on

特許驗船師姓名/ 特許機構名稱及其驗船師姓名

Name of Authorized Surveyor / Authorized Organization & name of surveyor.

簽署 Signature

日期 Date

備註 Note: 此證書應放置於船上顯眼處。 This Certificate to be displayed on board in a conspicuous position.



Provisions in Merchant Shipping (Local Vessels)(Certification and Licensing) Regulation on matters relating to restrictions on Class IV vessels and let for hire or reward

The provisions are quoted as below:-

QUOTE

6. Restrictions on Class IV vessels

- (1) A Class IV vessel shall not be used otherwise than –
 - (a) by the owner exclusively for pleasure purposes; or
 - (b) if it has been let to any person, by that person exclusively for pleasure purposes.

- (2) A Class IV vessel shall not be let for hire or reward unless –
 - (a) it is let under the terms of a written charter agreement or written hire-purchase agreement;
 - (b) the agreement contains a warning that states clearly –
 - (i) that the person to whom the vessel is let commits an offence if he does not comply with section 6(5)(b) of the Merchant Shipping (Local Vessels) (Certification and Licensing) Regulation (L.N. 27 of 2004);
 - (ii) that the person to whom the vessel is let should read carefully section 6 (except subsections (1), (2) and (4)) of the Regulation; and
 - (iii) where in the agreement the full text of those provisions may be found;
 - (c) the agreement contains, either in its body or as its attachment, the full text of this section (except subsections (1), (2) and (4));
 - (d) the warning and text referred to in paragraphs (b) and (c) are in the same language as that of the remaining parts of the agreement and are presented prominently in the agreement; and
 - (e) the agreement is signed by the owner and the person to whom the vessel is let.

- (3) A Class IV vessel shall not be let for hire or reward for an intended service that involves the carriage of passengers unless there is in force in respect of the vessel –
 - (a) such certificate of inspection certifying that the vessel is fit for the intended service as is required under the Survey Regulation for a Class IV vessel of the type for which the vessel is certificated; and
 - (b) such policy of insurance in respect of third party risks as is required under the Insurance Regulation for a Class IV vessel of the type for which the vessel is certificated, having regard to the intended service.

(4) If, without reasonable excuse, subsection (1), (2) or (3) is contravened the owner of the vessel, his agent and the coxswain each commits an offence and is liable on conviction to a fine at level 3.

(5) Where a Class IV vessel is let for hire or reward –

- (a) the owner, his agent and the coxswain shall ensure that there is kept on board the vessel –
 - (i) the relevant written charter agreement or written hire-purchase agreement; and
 - (ii) if any passenger is carried in the vessel, the certificate of inspection and the policy of insurance referred to in subsection (3), or certified copies of them;
- (b) the person to whom the vessel is let shall ensure that throughout the period when the person is in possession of the vessel –
 - (i) the vessel is not used otherwise than by him exclusively for pleasure purposes; and
 - (ii) the documents referred to in paragraph (a) are kept on board the vessel; and
- (c) the coxswain shall, on request by an authorized officer, produce for inspection the documents referred to in paragraph (a).

(6) A person who without reasonable excuse contravenes subsection (5), commits an offence and is liable on conviction to a fine at level 2.

(7) A person to whom a Class IV vessel is let does not have a reasonable excuse for contravening subsection (5)(b)(ii) merely because the person's contravention is attributable to the contravention by the owner, his agent and the coxswain of subsection (5)(a).

(8) For the purpose of this section, a Class IV vessel is to be regarded as being used by a person exclusively for pleasure purposes if –

- (a) in the case of the person being an individual, the vessel is used to carry the individual, his family members, relatives, friends and employees, and family members, relatives and friends of his employees, for their pleasure purposes; or
- (b) in the case of the person being a club, company, partnership or association of persons, the vessel is used to carry its members and employees, and family members, relatives and friends of those members and employees, for their pleasure purposes.

(9) If a person to whom a Class IV vessel is let under a hire-purchase agreement is named in the certificate of ownership as owner by virtue of section 9(b), then subsections (3) and (5) apply neither to the hire-purchase agreement nor to the vessel as far as that agreement is concerned.

UNQUOTE

有出租船或租購書面協議的遊樂船檢驗紀錄 (只適合在良好天氣下在香港水域範圍內操作) INSPECTION RECORD FOR PLEASURE VESSEL LET UNDER THE TERMS OF A WRITTEN CHARTER OR HIRE-PURCHASE AGREEMENT (only for operating within Hong Kong waters and in favourable weather conditions)	
Name of Vessel.....Certificate of Ownership No:..... 船名 :.....擁有權證明書號碼 :.....	
檢驗項目 Inspection Items	備註Remark
船體構造 Hull Construction 1. 船體結構及上層建築 (包括是否玻璃纖維/ 木質船體完好有無損壞裂縫, 船體各連接處有無鬆動和漏水現象) Hull structure and superstructure (including integrity of GRP/ wooden hull, or any faults in welds or joints, damage or cracking, any evidence of loosing or leakage in way of connections) 2. 船體內部提供浮力結構 (包括密閉性是否完好) Hull buoyancy structure (including whether or not with tightness integrity) 3. 內部艙壁 (包括確定完整性) Internal bulkheads (including assurance of Integrity) 4. 審查/批核適當的建造文件/ 證書及 /或傾斜測試報告等 (參照第 I 章第 9.1 段, 第 II 章第 2.2 段, 第 III 章第 1 及 2 節相關的要求). 批核文件須與本檢驗紀錄放置在船上 Assessing / endorsing document /certificate of construction and/or inclining test report etc, where appropriate (Refers to requirements in section 9.1 of Chapter I, section 2.2 of Chapter II and sections 1 and 2 of Chapter III.) The endorsed document should be kept onboard with this Inspection Record.	
機械及電氣 Machinery & Electrical 5. 主機及其操控系統在正常工作狀態 Propulsion engine and control system in normal working condition 6. 油柜及油管 (包括是否完好, 無滲漏現象) Oil tanks and oil pipes (including whether or not in good order and no leakage) 7. 艙底水系統及消防系統 (包括是否處於有效工作狀態) Bilge system and fire mains (including whether or not in working condition) 8. 防油污裝置操作試驗 (適用於總噸 > 400) Oil pollution prevention installation functional test (for GT > 400) 9. 機艙通風裝置 (包括關閉效用是否正常) Ventilation fans for machinery space (including whether or not the closing mechanism in working condition). 10. 石油氣裝置及使用汽油之安全 Safety for LPG Installation and Use of Petrol. 11. 電纜及電器裝置 (包括確定無不適當的損壞) Electric cables and electrical installations (including whether or not no undue damages) 12. 電纜絕緣電阻、電氣裝置過載保護裝置和接地。由機電署合資格工程師或電工簽發的電器系統絕緣測試報告(註明是適用於輪機系統)及經特許驗師/ 機構批註, 是可接受的。) Insulation resistance of cables, overload protection and earthing of electrical installation.(Electrical system insulation test reports (clearly marked suitable marine system) from EMSD qualified engineers or electricians, endorsed by authorized surveyor/ organization, are acceptable.)	

安全設備與燈號及聲號 Safety Equipment and Lights & Sound Signals

- 13. 救火設備（包括是否齊全並設置在適當位置，處於有效工作狀態及維修保養正常）
Fire-fighting appliances (including whether or not are complete in number and installed/ placed in proper position, and maintained in effective working condition)
- 14. 救生設備（包括是否齊全並放在各自位置，處於有效工作狀態及維修保養正常）
Life-saving appliances (including whether or not are complete in number and placed in position, and maintained in effective working condition)
- 15. 燈號、號型及聲號設備（包括是否工作正常）
Lights, shapes and sound signals (including whether or not in effective working condition)

客艙 Passenger Accommodation

- 16. 乘客及船員艙要求 Passenger and crew accommodation requirements:-
 - (a) 乘客逃生通道（包括是否暢通無阻）
Means of escape for passengers (including whether or not being obstructed)
 - (b) 欄杆、扶手、通道等保護設施（包括是否維修保養正常）
Means of protection such as guard rails, handrails and passageways (including whether or not maintained in good condition)
 - (c) 客艙通風裝置（包括關閉效用是否正常）
Ventilation fans for passenger accommodation (including whether or not the closing mechanism in working condition)
 - (d) 乘客座位及標記 Passenger seats and markings
 - (e) 救生衣的存放 Lifejackets stowage

其他 Others

- 17. 確認主要尺度，主機及機器資料。
Verification of principal dimension , engine and machinery particulars.
- 18. 特許驗船師 / 機構認為需要檢驗的項目，表列於另外紙張。
Other items considered necessary to be inspected by the authorized surveyor / organization as listed in separate sheet. **船排/乾塢檢驗（兩年一次）**
Inspection on slip or dry-docking (bi-annually)
- 19. 船底板、舷側板、防濺條、尾封板（包括有無損壞裂縫）
Bottom plates, side shell plates, spray strips and stern transom plates (including whether or not any damage or cracking)
- 20. 海底門、螺旋槳軸、螺旋槳及水／油封（包括是否維修保養正常）
Sea valves, propeller shaft, propeller and water/oil seals (including whether or not maintained in good condition)

Note 註(1): 不適用項目請填寫 "N.A."
Items not applicable should be marked "N.A."

備註 (如有需要可另加頁數)

Remark (additional sheet if required)

.....
.....
特許驗船師姓名/ 特許機構名稱及其驗船師姓名

Name of Authorized Surveyor / Authorized Organization and name of surveyor

.....
簽署 Signature 日期 Date

3 Scale of Fire-fighting Appliances

3.1 Provisions of fire-fighting appliances in Survey Regulation Schedule 4 (table 8) are quoted as below:-

QUOTE

Table 8

Class IV vessels that are licensed to carry not more than 60 passengers and are not let for hire or reward and operate within waters of Hong Kong

Vessel registered length (L)(m)		(L) < 5.5	5.5 ≤ (L) ≤ 9	9 < (L) < 15	15 ≤ (L) < 24	(L) ≥ 24
		Fire-fighting apparatus				
portable fire extinguisher ⁽²⁾	1.4 kg	1 ⁽¹⁾	2	-	-	-
	2.3 kg	-	-	2	-	-
	4.5 kg	-	-	-	2	2
	engine room	-	-	2 ⁽³⁾	2 ⁽³⁾	2 ⁽³⁾
fire bucket with lanyard ⁽⁴⁾		1 (or 1 bailer)	2	2	2	3
main fire pump	power	-	-	-	1 ⁽⁵⁾	1
	manual	-	-	-		-
emergency fire pump	power	-	-	-	-	1 ⁽⁵⁾
	manual	-	-	-		
hydrant		-	-	-	capable of delivering one jet of water having a throw of not less than 6 m which can be directed on to any part of the vessel through a hose with a 10 mm diameter nozzle	
hose		-	-	-	1	2
nozzle	jet	-	-	-	1	2
	spray	-	-	-	-	1
fireman's axe		-	-	-	-	1

Notes:

- (1) (a) Portable dry powder fire extinguisher or equivalent.
- (b) No fire extinguisher is required for a jetski.
- (2) Two extinguishers should be provided if there is a galley on board.
- (3) For engine room that contains internal combustion type machinery having in aggregate a total power output of not less than 375 kW.
- (4) Fire buckets may be substituted by an equal number of portable dry powder fire extinguishers each of a capacity of not less than 4.5 kg of dry powder or equivalent.
- (5) The fire pump and its sea suction shall be situated outside the engine room.

UNQUOTE

3.2 Provisions of fire-fighting appliances in Survey Regulation Schedule 4 (table 1) are quoted as below:-

QUOTE

- (iii) Class IV vessels that are licensed to carry 13 to 60 passengers but are let for hire or reward

Fire-fighting apparatus		Vessel registered length (L)(m)			
		(L)<15	15≤(L)<24	24≤(L)<60	60≤(L)<75 ⁽¹⁾
portable fire extinguisher	passenger accommodation space	1 on each deck (minimum 2)		1 within not more than 10 m walking distance, but at least 2 on each deck	
	wheel house	1			
	galley	1			
	engine control room	1			
	engine room	3	4	1 for each 750 kW or part thereof of the power output of the engine and electric motor, but at least 3 and not more than 6 in each room	
	machinery space	1 within each space			

<fixed CO ₂ fire extinguishing system> ⁽²⁾ and ⁽³⁾	engine room			gas quantity, storage, piping, nozzle, alarm, location and arrangement shall be in accordance with the relevant plans approved under Part 3 of this Regulation	
<fire detection and alarm system> ⁽³⁾				quantity, type, location and arrangement shall be in accordance with the relevant plans approved under Part 3 of this Regulation	
main fire pump	power	-	1 ⁽⁴⁾	1 ⁽⁵⁾	1
	manual			-	-
emergency fire pump	power	-		1 ⁽⁴⁾	1 ⁽⁴⁾
	manual				
fire main + hose + hydrant + jet nozzle		1 set		1 set to be provided for each pump ⁽⁶⁾	
fireman's axe		-		1	

Notes:

- (1) The requirement for a local vessel of 75 m or more in length shall be specified by the Director on a case-by-case basis.
- (2)
 - (a) Required for any local vessel that is licensed to carry more than 12 passengers and installed with internal combustion engines of aggregate propulsion power of 375 kW or over.
 - (b) The fixed CO₂ fire extinguishing system may be substituted by a non-portable fire extinguisher (45 L foam or equivalent CO₂ type) if it can be satisfactorily demonstrated that the jet of the fire extinguishing media can reach any part of the engine room.
 - (c) For local vessels of 24 m or more in length and that are not new vessels, one 45 L foam or 16 kg CO₂ fire extinguisher shall be provided in the engine room.
- (3) Requirements in angle brackets (“< >”) are for new vessels only.
- (4) The fire pump and its sea suction shall be situated outside the engine room.
- (5) The fire pump may be propulsion engine driven, provided it can be readily engaged to the engine.
- (6) A Class I vessel or Class IV vessel of 24 m or more in length shall be provided with the following additional appliances –
 - (a) 1 hydrant in each engine room; and
 - (b) 1 spray nozzle on each deck and in each engine room.

UNQUOTE

3.3 Provisions of fire-fighting appliances in Survey Regulation Schedule 4 (table 3) are quoted as below:-

QUOTE

Table 3

(ii) Class IV vessels that are licensed to carry not more than 12 passengers but are let for hire or reward

Fire-fighting apparatus		Vessel registered length (L)(m)		
		(L)<12	12≤(L)<24	24≤(L)<75 ⁽²⁾
portable fire extinguisher ⁽³⁾	accommodation space	1 on each deck		2 on each deck
	wheel house	1		
	galley	1		
	engine control room	1		
	engine room	2	3	4
	machinery space	1 within each space		
fire bucket with lanyard ⁽⁴⁾		1	2	3
main fire pump	power	1 ⁽⁵⁾	1 ⁽⁵⁾	1 ⁽⁶⁾
	manual			-
emergency fire pump	power	-	-	1 ^{(5) and (7)}
	manual			
fire main + hose + hydrant + jet nozzle		quantity, size, length, type, location and arrangement shall be in accordance with the relevant plans approved under Part 3 of this Regulation		quantity, size, length, type, location and arrangement shall be in accordance with the relevant plans approved under Part 3 of this Regulation ⁽⁸⁾

Notes:

(1) (a) A flat-top work barge, a landing pontoon and any other type of local vessel

having no engine, oil fuel tank, electrical switchboard and combustible materials on board is not required to be provided with any fire-fighting apparatus.

- (b) A local vessel that is used or to be used for carrying any dangerous goods other than oil shall be provided with such additional fire-fighting apparatus as the Director may specify in writing.
- (2) The requirement for a local vessel of 75 m or more in length shall be specified by the Director on a case-by-case basis.
- (3) A Class II vessel that falls within paragraph (b) of Schedule 2 is not required to be provided with any portable fire extinguisher. Instead, such a vessel shall be provided with 1 fire bucket with lanyard.
- (4) Applicable to Category B vessels only. If a fire main is provided, then no fire bucket is required.
- (5) The fire pump and its sea suction shall be situated outside the engine room.
- (6) The fire pump may be propulsion engine driven, provided it can be readily engaged to the engine.
- (7) Only for a Class II vessel that is fitted with any propulsion engine.
- (8) A Class II vessel of 24 m or more in length shall be provided with the following additional appliances –
 - (a) 1 hydrant in each engine room; and
 - (b) 1 spray nozzle on each deck and in each engine room.

UNQUOTE

- [Note:(A) The fire fighting requirement for a local vessel of 75 m or more in length will be considered based on the following factors:
- (a) the vessel's mode of operation;
 - (b) the vessel's intended service;
 - (c) the vessel's size;
 - (d) the vessel's construction;
 - (e) the total number of persons on board (and crew manning);
 - (f) the compliance of regional standards or international standards, if applicable;
and
 - (g) potential hazards to the safety of the vessel and any person or property on board the vessel.]

5 Scale of Life-saving Appliances

5.1 Provisions of life-saving appliances in Survey Regulation Schedule 3 (table 7) are quoted as below:-

QUOTE

Table 7

Class IV vessels that are licensed to carry not more than 60 passengers and are not let for hire or reward and operate within waters of Hong Kong

Life-saving appliances	Quantity	
lifejacket	100% ⁽¹⁾	
lifebuoy	Vessel registered length (L)(m)	Number
	(L) < 12	1
	12 ≤ (L) < 21	2
	21 ≤ (L) < 37	4
	(L) ≥ 37	6
buoyant lifeline ⁽²⁾	1	

Notes:

- (1) Where the required quantity of life-saving appliances is expressed as a percentage, it means the percentage of the total number of persons on board.
- (2) The minimum length of buoyant lifeline is -
- | | |
|----------------|---------|
| For (L) < 21 m | 18 m |
| For (L) ≥ 21 m | 27.3 m. |

UNQUOTE

5.2 Provisions of live-savings appliances in Survey Regulation Schedule 3 (table 1) are quoted as below:-

QUOTE

Table 1

- (iii) Class IV vessels that are licensed to carry 13 to 60 passengers but are let for hire or reward

Operation area	Specified sheltered waters	Anywhere within waters of Hong Kong
Life-saving appliances		
lifejacket	any number)) Total	100% adult lifejacket + 5% children lifejacket
lifebuoy	minimum) number per) 100% ⁽¹⁾ and Table 2) ⁽²⁾)	minimum number per Table 2
buoyant lifeline ⁽³⁾	1 for vessel (L)<12 m 2 for vessel (L)≥12 m	
self-igniting light ⁽⁴⁾	2	
VHF (very high frequency) radio installation ⁽⁵⁾	1	

Notes:

- (1) Where the required quantity of life-saving appliances is expressed as a percentage, it means the percentage of the total number of persons on board.
- (2) The scale for a floating restaurant may be reduced by 50% if it is –
- (a) attached to the shore and provided with adequate gangways; or
 - (b) not attached to the shore, but provided with –
 - (i) above-water flotation in the form of a steel embarkation pontoon moored alongside; or
 - (ii) steel tenders at both ends capable of being towed to a safe place away from the floating restaurant.
- (3) The minimum length of buoyant lifeline for a Class I vessel or Class IV vessel that is licensed to carry more than 60 passengers is 30 m.
- The minimum length of buoyant lifeline for a Class IV vessel that is licensed to carry not more than 60 passengers is –
- | | |
|--------------|---------|
| For (L)<21 m | 18 m |
| For (L)≥21 m | 27.3 m. |
- (4) Required for a Class I vessel or Class IV vessel that carries more than 100 passengers.
- (5) Required for a ferry vessel that plies outside the Victoria port.

Table 2
Minimum number of lifebuoys as required in Table 1

Vessel registered length (L)(m)	Number of lifebuoys
(L)<12	2
12≤(L)<15	4
15≤(L)<18	6
18≤(L)<21	8
21≤(L)<24	10
(L)≥24	12

UNQUOTE

5.3 Provisions of live-savings appliances in Survey Regulation Schedule 3 (table 3) are quoted as below:-

QUOTE

Table 3

(ii) Class IV vessels that are licensed to carry not more than 12 passengers but are let for hire or reward

Operation	Specified sheltered waters	Anywhere within waters of Hong Kong
lifejacket ⁽¹⁾	any number ⁽²⁾)	100% adult lifejacket + <5% children lifejacket> ^{(3), (4) and (5)}
lifebuoy ⁽¹⁾	any number)	
Total 100% ⁽³⁾ and (4)		minimum number per Table 5
buoyant lifeline ^{(4) and (6)}	1 for vessel (L)<12 m 2 for vessel (L)≥12 m	
<self-igniting light (for vessel (L)≥ 37 m)> ⁽⁵⁾	2	

Notes:

- (1)
 - (a) For a transportation sampan that falls within paragraph (b) of Schedule 2, at least 1 lifejacket for every person on board and 1 lifebuoy are required.
 - (b) For a work boat that falls within paragraph (b) of Schedule 2, at least 1 lifebuoy is required.
- (2) Lifejacket is not required for –
 - (a) a landing platform;
 - (b) a landing pontoon; and
 - (c) a stationary vessel that is a separation barge.
- (3) Where the required quantity of life-saving appliances is expressed as a percentage, it means the percentage of the total number of persons on board.
- (4) Special requirements for a floating dock –
 - (a) 100% lifejacket is required only when any of the tropical cyclone warning signals commonly referred to as No. 8NW, 8SW, 8NE, 8SE, 9 or 10 is in force and any person is staying on board;
 - (b) the total number of lifebuoy provided shall not be less than that required in Table 5, or 1 lifebuoy for every 26 m or part thereof of each of the side wall, whichever is the greater;
 - (c) 4 buoyant lifelines shall be provided and placed at each corner of the dock; and
 - (d) if the dock is not attached to the shore, 1 or more launches shall be provided to carry the workmen to shore
- (5) Requirements in angle brackets (“< >”) are for new vessels only.
- (6) The minimum length of buoyant lifeline is 30 m.

UNQUOTE

4 Lights and Sound Signals

The tables at the following sections indicate the signal appliances to be carried by vessels of the length (L) as indicated.

4.1 Power Driven Vessels $L \geq 50$ m

Item	No. Required	Intensity/Size	Remarks
Masthead Light	1 fwd 1 aft	visibility 6 n. miles	
Sidelight (P&S)	1 set	" 3 n. miles	
Stern Light	1	" 3 n. miles	
Anchor Light	1 fwd 1 aft	" 3 n. miles	all-round white
N.U.C. Light	2	" 3 n. miles	all-round red
Black Ball	3	0.6 m diameter	
Black Diamond	1	0.6 m diameter, 1.2 m height	
Whistle	1	Audibility $50 \text{ m} \leq L < 75 \text{ m}$ 1 n. mile $75 \text{ m} \leq L < 200 \text{ m}$ 1.5 n. mile	
Bell	1	0.3 m mouth diameter	
Gong	1		for $L \geq 100$ m

4.2 Power Driven Vessels $20 \text{ m} \leq L < 50$ m

Item	No. Required	Intensity/Size	Remarks
Masthead Light	1	visibility 5 n. miles	
Sidelight (P&S)	1 set	" 2 n. miles	
Stern Light	1	" 2 n. miles	
Anchor Light	1	" 2 n. miles	all-round white
N.U.C. Light	2	" 2 n. miles	all-round red
Black Ball	3	0.6 m diameter	
Black Diamond	1	0.6 m diameter, 1.2 m height	
Whistle	1	audibility 1 n. mile	
Bell	1	0.3 m. mouth diameter	

4.3 Power Driven Vessels $12 \text{ m} \leq L < 20$ m

Item	No. Required	Intensity/Size	Remark
Masthead Light	1	visibility 3 n. miles	
Sidelight (P&S)	1 set	" 2 n. miles	may be combined lantern
Stern Light	1	" 2 n. miles	
Anchor Light	1	" 2 n. miles	all-round white
N.U.C. Light ^(Note)	2	" 2 n. miles	all-round red

Black Ball	3	dimensions commensurate with size of vessel	
Black Diamond	1	ditto	
Whistle	1	audibility 0.5 n. miles	
Sound signal	1	means of making efficient sound signal	

Note: N.U.C. means "Not Under Command"

4.4 Power Driven Vessels L < 12 m

Item	No. Required	Intensity/Size	Remarks
Masthead Light	1	visibility 2 n. miles	
Sidelight (P&S)	1 set	" 1 n. miles	may be combined lantern
Stern Light	1	" 2 n. miles	
Anchor Light	1	" 2 n. miles	all-round white
Black Ball	3	dimensions commensurate with size of vessel	
Black Diamond	1	ditto	
Sound Signal	1	means of making efficient sound signal	

4.5 Power Driven Vessels L < 12 m may, in lieu of the lights prescribed in 4.4 above, exhibit an all-round white light and sidelights.

4.6 Power Driven Vessels L < 7 m and maximum speed not exceed 7 knots may, in lieu of the lights prescribed in 4.4 above, exhibit an all-round white light and shall, if practicable, also exhibit sidelights.

第 IV 類船隻的最高可載運人數的計算 及/或 檢驗證明裝置是適合由一名 “兼任輪機員船長” 操控
Determination of maximum number of persons to be carried and / or Survey
Certification on installation suitable for “combined coxswain” operation of a Class IV vessel

Name of Vessel.....Certificate of Ownership No:.....		船名 :.....擁有權證明書號碼 :.....													
1 (a) 最高可載運量和座椅 Maximum Carrying Capacity and Seating															
船隻的最高可載運量(包括乘客和船員在內)的計算方法如下: The maximum carrying capacity (including passengers and crew) are determined as follows:															
[]	(i) 開啟式甲板船隻 open deck vessel (L x B =)														
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>L x B 所得數 numeral</th> <th>總人數 Total No. of</th> <th>計算總人數 Determined Total No. of Persons</th> </tr> <tr> <td>≤ 5</td> <td>2</td> <td>()</td> </tr> <tr> <td>>5 to ≤ 10</td> <td>3</td> <td>()</td> </tr> <tr> <td>> 10</td> <td>4</td> <td>()</td> </tr> </table>	L x B 所得數 numeral	總人數 Total No. of	計算總人數 Determined Total No. of Persons	≤ 5	2	()	>5 to ≤ 10	3	()	> 10	4	()	或/or	
L x B 所得數 numeral	總人數 Total No. of	計算總人數 Determined Total No. of Persons													
≤ 5	2	()													
>5 to ≤ 10	3	()													
> 10	4	()													
[]	(ii) 圍蔽式甲板船隻 enclosed deck vessel	計算總人數 Determined Total No. of Persons													
	總人數 total number of persons = L x B x 0.4														
及/and	(iii) 船東指示要求最少船員名額 Owner's indicated the requested minimum number of crew = ()														
	式中 where L : 船隻(甲板)的總長(米) vessel's (deck) length overall in metres = ()														
	B : 船隻的最大寬度(米) vessel's maximum breadth in metres = ()														
(b)	所有乘客應有足夠的座椅或休息設施可供預定的用途。作指引之用，應有不少於總載客人數 50% 固定座位，餘數可採用另外的形式或類別，但必須相對地穩妥及安全，符合預定用途。 All passengers should be arranged with seating or resting facilities adequate for the intended purpose. As a guidance, the number of fixed seats should be not less than 50% of its maximum number of carrying capacity and the balanced number of seats can be in other form or type provided that they are relatively stable and safe for its purpose.	不適用 Not applicable													
(c)	載運超過 12 名乘客及從事租賃業務的船隻之乘客艙室的標記 Marking in Passenger Space for vessel engaging in chartering and carrying capacity more than 12 須在乘客上船的顯眼位置，以中、英文註明每層甲板可載運的乘客人數，如以下所示 The number of passengers in which each deck can accommodate should be indicated, in a conspicuous location, at all spaces where passengers will be embarking, in Chinese and English :-														
	上層甲板 Upper level ()														
	主甲板 Main Deck ()														
	等等 Etc. ()														
	總乘客人數 Total number of passengers ()	不適用 Not applicable /													
	最少船員人數 Minimum number of crew ()	已標記 / 未有標記 Marking Completed / Marking Not Done													
	允許運載總人數 Total number of persons permitted ()														
2.	證明這船隻裝置是適合由一名 “兼任輪機員船長” 操控 Certification on installation suitable for “Combined Coxswain” operation for this vessel	不適用 Not applicable/ 適合 / 不適合 Suitable / Not suitable													
	以此證明這船隻的無人操作機器艙間備有適合由一名 “兼任輪機員船長” 操控的配備並經檢驗及測試滿意，包括艙底水警報，主要的主機控制、儀錶、主機及發電機故障警報裝置，主機、發電機及抽氣扇的遙控關閉，煙霧偵測及警報裝置等裝置。(參照第 III 章第 3.14 段相關的要求) This is to certify that this vessel has appropriately equipped, inspected and tested satisfactory, including fittings of bilge alarm, essential main engine controls, indicators and main / generator engines abnormal warning alarms, remote shutdown of main / generator engines and ventilation fans, and a fire or smoke detection system etc., as appropriate, for unattended machinery space requirements suitable for “combined coxswain” operation. . (Refers to relevant requirements in section 3.14 of Chapter III.) - 裝置/ 額外詳細資料 Installation / Additional Details: -														

備註 Remark : (如有需要可另加頁數 additional sheet if required)

.....

特許驗船師姓名 / 特許機構名稱及其驗船師姓名
Name of Authorized Surveyor / Authorized Organization and name of surveyor

.....

簽署 Signature 日期 Date