

**The safety equipment including life-saving appliances, fire-fighting apparatus, lights, shapes and sound signals of vessel not required to be surveyed**

A vessel first licensed or altered **on or after 1<sup>st</sup> August 2020**.

- Class IV Vessel---
- i. Licensed to carry not more than 60 passengers
  - ii. Not let for hire or reward
  - iii. Operate in the waters of Hong Kong
  - iv. Not novel construction

Vessel Length<sup>(1)</sup> < 5.5m

Type	Descriptions	Number
Life-saving appliances	Suitable Lifejacket	100% <sup>(2)</sup>
	Lifebuoy	1
	Buoyant lifeline (minimum length – 18m)	1
Fire-fighting apparatus <sup>(3)</sup>	Portable dry powder fire extinguisher that has a capacity of not less than 1.4 kg dry powder or equivalent	1
	Fire bucket with lanyard <sup>(4)</sup>	1
Lights, shapes and sound signals <sup>(5)(6)</sup>	Masthead Light (visibility – 2 nautical miles)	1
	Sidelights (port & starboard) may be combined lantern (visibility – 1 nautical mile)	1 set
	Stern Light (visibility – 2 nautical miles)	1
	All Round White Light (visibility – 2 nautical miles)	1
	Means of making efficient sound signal	1

Standards of Class IV vessels should refer to the Code of Practice for Safety Standards for Class IV Vessels

([http://www.mardep.gov.hk/en/pub\\_services/ocean/pdf/lvs\\_cop4.pdf](http://www.mardep.gov.hk/en/pub_services/ocean/pdf/lvs_cop4.pdf)).

Note:

- (1) Vessels Length for ‘Lights, shapes and sound signals’ shall be Length Overall (LOA).
- (2) The quantity of lifejackets (excluding infant lifejackets) must not be less than the permitted number of persons.  
The permitted number of persons means the total number of persons the vessel permitted to carry under the conditions of its Operating Licence.
- (3) Two extinguishers shall be provided if there is a galley on board.
- (4) Fire buckets may be substituted by an equal number of portable dry powder fire extinguishers and each of a capacity of not less than 4.5kg of dry powder or equivalent.
- (5) Power Driven Vessels less than 7m in Length Overall and maximum speed not exceeding 7 knots may, in lieu of the lights prescribed above, exhibit an all-round white light and shall, if practicable, also exhibit sidelights.
- (6) Power Driven Vessels less than 12m in Length Overall may, in lieu of the lights prescribed above, exhibit an all-round white light and sidelights.

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$5.5\text{m} \leq \text{Vessel Length}^{(1)} \leq 9\text{m}$

Type	Descriptions	Number
Life-saving appliances	Suitable Lifejacket	100% <sup>(2)</sup>
	Lifebuoy	1
	Buoyant lifeline (minimum length – 18m)	1
Fire-fighting apparatus <sup>(3)</sup>	Portable fire extinguisher that has a capacity of not less than 1.4 kg	2
	Fire bucket with lanyard <sup>(4)</sup>	2
Lights, shapes and sound signals <sup>(5)(6)</sup>	Masthead Light (visibility – 2 nautical miles)	1
	Sidelights (port & starboard) may be combined lantern (visibility – 1 nautical mile)	1 set
	Stern Light (visibility – 2 nautical miles)	1
	All Round White Light (visibility – 2 nautical miles)	1
	Means of making efficient sound signal	1

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Note:

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The permitted number of persons means the total number of persons the vessel permitted to carry under the conditions of its Operating Licence.
- (3) Two extinguishers shall be provided if there is a galley on board.
- (4) Fire buckets may be substituted by an equal number of portable dry powder fire extinguishers and each of a capacity of not less than 4.5kg of dry powder or equivalent.
- (5) Power Driven Vessels less than 7m in Length Overall and maximum speed not exceeding 7 knots may, in lieu of the lights prescribed above, exhibit an all-round white light and shall, if practicable, also exhibit sidelights.
- (6) Power Driven Vessels less than 12m in Length Overall may, in lieu of the lights prescribed above, exhibit an all-round white light and sidelights.

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9m < Vessel Length<sup>(1)</sup> < 12 m

Type	Descriptions	Number	
Life-saving appliances	Suitable Lifejacket	100% <sup>(2)</sup>	
	Lifebuoy	1	
	Buoyant lifeline (minimum length – 18m)	1	
Fire-fighting apparatus <sup>(3)</sup>	Portable fire extinguisher that has a capacity of not less than 2.3kg	2	engine room
	Fire bucket with lanyard <sup>(4)</sup>	2 <sup>(5)</sup>	
Lights, shapes and sound signals <sup>(6)</sup>	Masthead Light (visibility – 2 nautical miles)	1	
	Sidelights (port & starboard) may be combined lantern (visibility – 1 nautical mile)	1 set	
	Stern Light (visibility – 2 nautical miles)	1	
	All Round White Light (visibility – 2 nautical miles)	1	
	Means of making efficient sound signal	1	

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The permitted number of persons means the total number of persons the vessel permitted to carry under the conditions of its Operating Licence.
- (3) Two extinguishers shall be provided if there is a galley on board.
- (4) Fire buckets may be substituted by an equal number of portable dry powder fire extinguishers and each of a capacity of not less than 4.5kg of dry powder or equivalent.
- (5) For engine room that contains internal combustion type machinery having aggregate a total power output of not less than 375kW.
- (6) Power Driven Vessels less than 12m in Length Overall may, in lieu of the lights prescribed above, exhibit an all-round white light and sidelights.

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$12\text{m} \leq \text{Vessel Length}^{(1)} < 15 \text{ m}$

Type	Descriptions	Number	
Life-saving appliances	Suitable Lifejacket	100% <sup>(2)</sup>	
	Lifebuoy	2	
	Buoyant lifeline (minimum length – 18m)	1	
Fire-fighting apparatus <sup>(3)</sup>	Portable fire extinguisher that has a capacity of not less than 2.3kg	2	engine room
	Fire bucket with lanyard <sup>(4)</sup>	2 <sup>(5)</sup>	
Lights, shapes and sound signals	Masthead Light (visibility – 3 nautical miles)	1	
	Sidelights (port & starboard) may be combined lantern (visibility – 2 nautical mile)	1 set	
	Stern Light (visibility – 2 nautical miles)	1	
	All Round White Light (visibility – 2 nautical miles)	1	
	All Round Red Light (visibility – 2 nautical miles)	2	
	Black Ball (dimensions commensurate with size of vessel)	2	
	Black Diamond (dimensions commensurate with size of vessel)	1	
	Whistle (audibility – 0.5 nautical miles)	1	
	Means of making efficient sound signal	1	

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- (3) Two extinguishers shall be provided if there is a galley on board.
- (4) Fire buckets may be substituted by an equal number of portable dry powder fire extinguishers and each of a capacity of not less than 4.5kg of dry powder or equivalent.
- (5) For engine room that contains internal combustion type machinery having aggregate a total power output of not less than 375kW.

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$15\text{m} \leq \text{Vessel Length}^{(1)} < 20 \text{ m}$

Type	Descriptions	Number	
Life-saving appliances	Suitable Lifejacket	100% <sup>(2)</sup>	
	Lifebuoy	2	
	Buoyant lifeline (minimum length – 18m)	1	
Fire-fighting apparatus <sup>(3)</sup>	Portable fire extinguisher that has a capacity of not less than 4.5kg	2	engine room
			2 <sup>(5)</sup>
	Fire bucket with lanyard <sup>(4)</sup>	2	
	Power or manual fire pump and its sea suction shall be situated outside the engine room	1	
	Hydrant	Capable of delivering one jet of water having a throw of not less than 6m which can be directed on to any part of the vessel through a hose with a 10mm diameter nozzle	
	Hose	1	
Lights, shapes and sound signals	Nozzle (jet)	1	
	Masthead Light (visibility – 3 nautical miles)	1	
	Sidelights (port & starboard) may be combined lantern (visibility – 2 nautical mile)	1 set	
	Stern Light (visibility – 2 nautical miles)	1	
	All Round White Light (visibility – 2 nautical miles)	1	
	All Round Red Light (visibility – 2 nautical miles)	2	
	Black Ball (dimensions commensurate with size of vessel)	2	
	Black Diamond (dimensions commensurate with size of vessel)	1	
	Whistle (audibility – 0.5 nautical miles)	1	
	Means of making efficient sound signal	1	

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$20\text{m} \leq \text{Vessel Length}^{(1)} < 21 \text{ m}$

Type	Descriptions	Number	
Life-saving appliances	Suitable Lifejacket	100% <sup>(2)</sup>	
	Lifebuoy	2	
	Buoyant lifeline (minimum length – 18m)	1	
Fire-fighting apparatus <sup>(3)</sup>	Portable fire extinguisher that has a capacity of not less than 4.5kg	2	engine room
			2 <sup>(5)</sup>
	Fire bucket with lanyard <sup>(4)</sup>	2	
	Power or manual fire pump and its sea suction shall be situated outside the engine room	1	
	Hydrant	Capable of delivering one jet of water having a throw of not less than 6m which can be directed on to any part of the vessel through a hose with a 10mm diameter nozzle	
	Hose	1	
Lights, shapes and sound signals	Nozzle (jet)	1	
	Masthead Light (visibility – 5 nautical miles)	1	
	Sidelights (port & starboard) may be combined lantern (visibility – 2 nautical mile)	1 set	
	Stern Light (visibility – 2 nautical miles)	1	
	All Round White Light (visibility – 2 nautical miles)	1	
	All Round Red Light (visibility – 2 nautical miles)	2	
	Black Ball (dimensions commensurate with size of vessel)	2	
	Black Diamond (dimensions commensurate with size of vessel)	1	
	Whistle (audibility – 1 nautical miles)	1	
	Bell (0.3m mouth diameter)	1	

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$21\text{m} \leq \text{Vessel Length}^{(1)} < 24 \text{ m}$

Type	Descriptions	Number	
Life-saving appliances	Suitable Lifejacket	100% <sup>(2)</sup>	
	Lifebuoy	4	
	Buoyant lifeline (minimum length – 27.3m)	1	
Fire-fighting apparatus <sup>(3)</sup>	Portable fire extinguisher that has a capacity of not less than 4.5kg	2	engine room
			2 <sup>(5)</sup>
	Fire bucket with lanyard <sup>(4)</sup>	2	
	Power or manual fire pump and its sea suction shall be situated outside the engine room	1	
	Hydrant	Capable of delivering one jet of water having a throw of not less than 6m which can be directed on to any part of the vessel through a hose with a 10mm diameter nozzle	
	Hose	1	
	Nozzle (jet)	1	
Lights, shapes and sound signals	Masthead Light (visibility – 5 nautical miles)	1	
	Sidelights (port & starboard) (visibility – 2 nautical mile)	1 set	
	Stern Light (visibility – 2 nautical miles)	1	
	All Round White Light (visibility – 2 nautical miles)	1	
	All Round Red Light (visibility – 2 nautical miles)	2	
	Black Ball (dimensions commensurate with size of vessel)	2	
	Black Diamond (dimensions commensurate with size of vessel)	1	
	Whistle (audibility – 1 nautical miles)	1	
	Bell (0.3m mouth diameter)	1	

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