
	MARINE DEPARTMENT THE GOVERNMENT OF HKSAR LOCAL VESSELS SAFETY SECTION	Declaration of Survey <u>INITIAL SURVEY</u> For a Class I Local Vessel
<p><u>COVER NOTE</u></p> <p>This Declaration of Survey shall be submitted to MD within 14 days from completion of INITIAL SURVEY</p>		
VESSEL NAME:		
COO / AIP NO. :		
MD FILE NO.:		
DATE OF COMPLETION OF INITIAL SURVEY:		
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	MARINE DEPARTMENT THE GOVERNMENT OF HKSAR LOCAL VESSELS SAFETY SECTION		Declaration of Survey <u>INITIAL SURVEY</u> For a Class I Local Vessel Classed with Appointed Organization		
	Vessel Name:		COO / AIP No.:		MD File No.:
Classification Society:		Vessel Class ID:			
Local Vsl Class I, Type:		Category (A/B):		GRT:	
Length Overall (m):		Length (L) (m):		Hull Material:	
Plan Approval purpose:	New Construction	<input type="checkbox"/>	Alteration	<input type="checkbox"/>	<input checked="" type="checkbox"/> where applicable

Pursuant to the letter of Authorization of Surveyors issued by the Marine Department HKSAR and its “Conditions of Authorization of Surveyors employed by an Appointed Organization for approval of plans and surveys of Local Vessel”, I, the undersigned Authorized Surveyor from the Appointed Organization, hereby declare that:

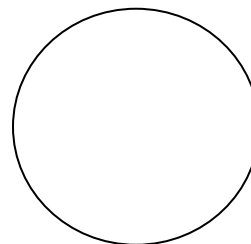
1. the Initial Survey and its final inspection for the captioned vessel had been satisfactorily completed as required by the Merchant Shipping (Local Vessels) (Safety and Survey) Regulation (Cap 548 sub leg G) and its relevant Code of Practice for the purpose of issuance of listed certificates as indicated in Appendix (I);
2. the Initial Survey and its final inspection have been carried out in accordance with the rules of the Appointed Organization with respect to the class notation assigned to the captioned vessel for her intended services;
3. Condition of Class [have been / have not been] issued. If issued, details to be recorded in Appendix (II); and
4. Appendices of records of Initial Survey and its final inspection are attached in this declaration.

Date: _____

 Name of Authorized Surveyor (in block letter)

 Name of Appointed Organization

 Signature



Stamp

APPENDIX (I) – CERTIFICATES / RECORDS TO BE ISSUED

	Certificates ^(Note) / Records	Issuance Authority / Organization
1	Certificate of Survey	MD
2	Survey Record of Safety Equipment	MD / AO ^{Note}
3	Load Line Certificate	MD / AO ^{Note}
4	Declaration of Fitness for the Carriage of Dangerous Goods	MD
5	Exemption Certificate / Permit for alternative material, fitting or equipment	MD
6	HKOPP	MD / AO ^{Note}
7	HKAPP	MD / AO ^{Note}
8	Certificate of Lifting Appliances and Lifting Gear	AO / CE
	<u>Other Certificates:</u>	
A		
B		
C		
D		

Abbreviation: MD – Marine Dept, AO – Appointed Organization,
CE – Competent Examiner appointed under Merchant Shipping (Local Vessels) (Works) Regulation

Note: For a vessel classed with an AO, international convention certificates may be issued by AO.

APPENDIX (II) – LIST OF CONDITION OF CLASS ISSUED

CoC No.	Due date	Condition of Class

APPENDIX (III) - INITIAL SURVEY ITEMS

Reference: Ch II Sec 7 Table 7-1 of CoP (CoP: “Code of Practice – Safety Standards for Class I Vessels”)

No.	Survey Requirements		Date Surveyed	Surveyor Initial	Survey Result (#) (A/AW/N/NA)	
	Survey Item	Category of Vessel ✓ where applicable				
		A []				B []
(A)	CONSTRUCTION – GENERAL, SHIP STABILITY					
(1)	Draft Marks – verification	✓	✓			
(2)	Measurement of Principal Dimensions	✓ ^(*9)	✓ ^(*9)			
(3)	Inclining Experiment ^(*1)	✓				
(4)	Lightship Verification ^(*2)	✓				
(5)	Simple Inclining Test (for Kaito with $C_{np} \geq 0.35$)		✓			
(B)	FIRE-FIGHTING APPARATUS, STRUCTURAL FIRE PROTECTION, APPLIANCES FOR PREVENTION OF COLLISION					
(1)	CO ₂ Pipe - inspection, hydraulic test and blowing test	✓	✓ ^(*8)			
(2)	Fire Main - inspection and hydraulic test	✓	✓ ^(*8)			
(3)	Structural Fire Protection (Ch. VI/13 refers) - inspection	✓				
(4)	Position of Navigational Light and its Foundation – verification	✓	✓			
(C)	CARRIAGE OF PASSENGERS					
(1)	Measurement of Noise Level in Passenger Space	✓	--			
(2)	Measurement of Passenger Space / Seating	✓	✓			
(3)	Minimum headroom in Accommodation Space - confirmation	✓	✓			
(4)	Means of Escape in Accommodation Space and Machinery Spaces - inspection	✓	✓			
(D)	CONSTRUCTION – HULL; CONDITIONS OF ASSIGNMENT					
(1)	Material test - Steel Plate ^(*3) /Aluminium Plate ^(*3) /GRP Polyester Resin	✓				
(2)	- Propeller Shaft, Coupling, Rudder Stock ^(*4)	✓	✓ ^(*8)			
(3)	Hull Scantlings - verification	✓				
(4)	Welding / GRP Lamination and Finishing - inspection	✓				
(5)	Below Main Deck W.T. bulkhead and W.T. door fitted thereon - Hose test ^(*5)	✓				
(6)	Structural Tanks - internal inspection	✓				
(7)	- hydraulic test/air test ^(*5)	✓				

(8)	Watertight / Weathertight Appliances - inspection	✓				
(9)	- hose test ^(*5)	✓				
(E)	CONSTRUCTION - FUEL, MACHINERY, SHAFTING					
(1)	Main Engine ^(*6) ^(*7) , Gear Box - Type Approval Certificate / inspection	✓	✓ ^(*8)			
(2)	Generator Diesel Engine - Certificate ^(*6) / inspection	✓	✓ ^(*8)			
(3)	Tail Shafts and Coupling - verification of dimensions	✓	✓ ^(*8)			
(4)	- taper bedding test	✓	✓ ^(*8)			
(5)	Stern Tube - verification of dimension and hydraulic test	✓	✓ ^(*8)			
(6)	Independent Fuel Oil Tanks - internal inspection and hydraulic test	✓	✓ ^(*8)			
(7)	Verification of No. and Volume of Structural and Independent Fuel Oil Tanks	✓	✓ ^(*8)			
(8)	Bilge Line - inspection and hydraulic test	✓	✓ ^(*8)			
(9)	Sea Suction valve – inspection and hydraulic test	✓	✓ ^(*8)			
(10)	Steering System Hydraulic Line - inspection and hydraulic test	✓	✓ ^(*8)			
(11)	Fuel Oil Line - inspection and hydraulic test	✓	✓ ^(*8)			
(12)	Compressed Air Pipe - hydraulic test (for P > 17.2 bar)	✓	✓			
(13)	Air Receiver - verification of wall thickness/ dimensions	✓	✓			
(14)	- hydraulic test	✓	✓			
(15)	Main Engine Alarm System and FMEA items - function test (Applicable to vessels of the type stated in Ch. I/4.2)	MD	MD	-	-	-
(F)	CONSTRUCTION - ELECTRICAL SYSTEMS					
(1)	Electrical Wiring/installation - inspection	✓	✓			
(2)	Generator circuit breaker load test (vessels with GenSet power > 50 kW)	✓	--			
(G)	PREVENTION AND CONTROL OF POLLUTION					
(1)	Prevention of Oil Pollution Installation (MD/AO) - Inspection	MD/AO	MD/AO			
(2)	- hydraulic test of independent bilge water / sludge holding tank	✓	✓			

Note: MD=Marine Department; AO=Authorized Organization

(#) Survey Result

Each of the survey items in this declaration report must be classified / coded as indicated below:

A	=	Condition satisfactory/ acceptable
AW	=	Acceptable with deficiencies which would neither affect seaworthiness of the vessel nor the safety of person onboard. Owner /agent is required to monitor for further deterioration and required to take appropriate remedial action (report to be attached)
N	=	Not acceptable (report to be attached)
NA	=	Not applicable

*** Notes**

- *1 Applicable to the 1st vessel of a series of four vessels.
- *2 Applicable to the 2nd, 3rd and 4th of a series of four vessels.
- *3 In lieu of the material test, mill sheet issued/endorsed by a classification society is acceptable.
- *4 Ch. IIIA/9 and IIIA/17.4 of CoP refer.
- *5 Annex M/3, 4 of CoP refer. Hose test for door fitted on watertight bulkhead may be replaced by a chalk test if a prototype test (with pressure corresponding at least to the head required for the intended location) has been carried out and certificated.
- *6 Ch. IIIA/7.1 of CoP refers. For engine of new vessel, engine maker or classification societies approved certificates/information and document as appropriate required in Ch. IIIA or IIIB and Annex I-10 of CoP or MARPOL Annex VI.
- *7 With effect from 1 March 2016, each brand new main engine to be fitted on board newbuilding and existing locally licensed Class I vessels shall be engraved with an unique official mark.
- *8 For visual inspection and operational test at either initial or final inspection only.
- *9 The measurement record shall be submitted to Marine Department for verification.

APPENDIX (IV) – FINAL INSPECTION ITEM

Reference: Ch II Sec 7 Table 7-3 of CoP (CoP: “Code of Practice – Safety Standards for Class I Vessels”)

No.	Survey Item ^(*2)	Date Surveyed	Surveyor Initial	Survey Result (#) (A/AW/N/NA)
(A)	LIFE-SAVING APPLIANCES, FIRE-FIGHTING APPARATUS, APPLIANCES FOR PREVENTION OF COLLISION			
(1)	Life Saving Appliances - inspection and function test ^(*3)			
(2)	Fire Fighting apparatus (incl. CO ₂ fixed fire extinguishing installation, emergency fire pump, etc) - inspection and function test			
(3)	Navigation Lights and Sound Signals - inspection and function test			
(4)	Fire Drill, Abandon Ship Drill ^(*10)			
(B)	CARRIAGE OF PASSENGERS			
(1)	Passenger Space, Crew Space, Cabin Escape Arrangement, Bulwarks and Rails - general inspection			
(2)	Passenger seats and their attachment – inspection ^(*4)			
(3)	Signage within Passenger Space, incl. Exits Signage, Lifejacket Donning Instructions, Plan on Escape Arrangement and Firefighting Plan – general inspection			
(C)	CONSTRUCTION – HULL, CONDITIONS OF ASSIGNMENT			
(1)	Watertight / Weathertight Closing Appliances (incl. door, ventilator, air pipe, etc.) - inspection			
(2)	Permanent ballast - confirmation of amount and position ^(*9)			
(3)	General condition in Machinery Space (including fuel oil installation) (a) protection from injury of personnel (b) prevention of fire hazard (c) prevention of oil pollution hazard			
(4)	Principal Dimensions, Engine and major machinery particulars - verification			
(D)	CONSTRUCTION - FUEL, MACHINERY, SHAFTING, ELECTRICAL SYSTEMS			
(1)	Main Engines, Generator Engines, Steering Gears - running test			
(2)	Unattended Machinery Space Installation (Ch. IIIA/18 and IIIB/13 refer) - function test			
(3)	Air Receiver Safety Valves - function test			
(4)	Bilge and Oily Water Pumping System - function test			
(5)	Electrical Circuit - earthing test			
(6)	- insulation resistance test ^(*6)			
(7)	- Main circuit breaker function test ^(*7)			
(8)	Location of emergency source of electrical power shall be outside machinery space and above waterline – verification ^(*8)			
(9)	Meters on Switchboard - function test			

No.	Survey Item ^(*2)	Date Surveyed	Surveyor Initial	Survey Result (#) (A/AW/N/NA)
(E)	PREVENTION AND CONTROL OF POLLUTION			
(1)	Air Emission Assessment ^(*5)			
(2)	Prevention of Oil Pollution Installation - function test			
(F)	NAVIGATIONAL, COMMUNICATION EQUIPMENT AND OTHERS			
(1)	Radio Communication Equipment			
(2)	Navigational Equipment			
(3)	Certificates of Competence of Master and Engineer (if manoeuvring trial required) - verification			
(4)	Ship manoeuvring trial ^(*11)			
(5)	Operational and safety trial (FMEA items) ^{(*12) (*13)}			
(6)	Plans and data required to be retained onboard (s 6.1 refers) - confirmation of numbers and contents			
(7)	Survey report issued by MD/AS/AO/RA - verification			
(8)	Inspection of remedial deficiency items in Initial / Periodical Survey			
(9)	Supplementary information/data and list of inspection, testing & trial requirements relating to the type of vessel			
(10)	Domestic L.P.G. Installation - inspection			
(G)	ADDITIONAL SURVEY ITEMS (if any)			
(1)	Marking of Safe Working Load and Certificate of Lifting Appliances – verification ^(*14)			
(2)				

(#) Survey Result

Each of the survey items in this declaration report must be classified / coded as indicated below:

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AW	=	Acceptable with deficiencies which would neither affect seaworthiness of the vessel nor the safety of person onboard. Owner /agent is required to monitor for further deterioration and required to take appropriate remedial action (report to be attached)
N	=	Not acceptable (report to be attached)
NA	=	Not applicable

*** Notes**

- *1 This Note item is not in use.
- *2 Where practicable the listed items may be presented for inspection prior to the final inspection.
- *3 Random check on the condition of lifejackets is to be according to the following proportions:

Statutory Required No. of Adult Lifejackets	Random Check	Statutory Required No. Children Lifejackets	Random Check
1 - 10	100%	1 – 10	100%
11 - 100	10 pcs	11 – 50	20 pcs
101 – 1000	10%	>100	20%
>1000	100 pcs		

The counting of the number is to be 100%

- *4 Strength test to be carried out when necessary.
- *5 Air emission requirements to be conducted as per Annex I-10.
- *6 Applicable to all vessels other than Cat. B primitive vessels (kaito). For vessels other than ferries and floating restaurants, a valid EMSD registered electrical contractor (REC) issued electrical system insulation test report (with the test being conducted by an EMSD registered electrical worker (REW) within 2 weeks prior to the final inspection) is acceptable in lieu of the insulation resistance test inspection responsible by MD officer or authorized inspection personnels. A valid electrical system insulation test report shall include the relevant necessary information. A valid electrical system insulation test report issued by an authorized inspection personnel is acceptable.
- *7 Applicable to any vessel fitted with generator of each capacity exceeding 50 kW.
- *8 Applicable to only a vessel which is still a new vessel when the reference to “the commencement date of the Survey Regulation” in the definition of “new vessel” under Ch.I/3.1 is substituted by “29 November 2014”.
- *9 In addition to the visual inspection, owner’s declaration on the amount and disposition of the ballast weights to be furnished to Marine Department for record.
- *10 Applicable to launches, ferries and floating restaurants. The exact crew number indicated on the muster list shall participate in the drill.
- *11 Applicable to ferry vessels only. The trial shall include crash ahead and astern running, turning and windlass operation test.
- *12 Applicable to vessels of the type stated in Ch. I/4.2.
- *13 For vessels of the type stated in Ch. I/4.2, the certificate of competence or an eyesight certificate (issued by a registered medical practitioner or registered optometrist) of the designated look-out (Ch. XII/11.1 refers) also to be verified.
- *14 The following document / certificates certified by competent examiner shall be presented in final inspection for verification of validity.
 - i. Register of Lifting Appliance & Lifting Gear (Form 1);
 - ii. Certificate of Test and Examination of Winches, Derricks and their Accessory Gear (Form 2)(if applicable);
 - iii. Certificate of Test and Examination of Lifting Appliance and their Accessory Gear other than Derricks (Form 3) (if applicable);

APPENDIX (V) – RECORD OF EQUIPMENT AND OPERATIONAL CONDITIONS

Name of Vessel Certificate of Ownership Number

Class Type..... Category.....

Length Overall (m) Length (L) (m) Extreme Breadth (m)

Gross Tonnage..... Net Tonnage..... Material of Hull.....

1. THIS IS TO CERTIFY that on the basis of the survey of the abovementioned vessel that was completed on _____ , the abovementioned vessel is fit for the service intended and in good condition, subject to the following conditions and restrictions:
2. that the vessel only carries a maximum of _____ persons, including a maximum of _____ passengers;
3. that the vessel is manned by not less than _____ crew, including:
 _____ coxswain and _____ engine operator ;
4. that the vessel may only ply/operate within:
 Specified Sheltered Waters / Waters of Hong Kong / River Trade Limits :

 (Note: When navigating beyond Waters of Hong Kong, no passenger is permitted to carry.)
5. that the vessel is permitted / not permitted to ply with a Combined Coxswain and Engine operator.
6. that the vessel is permitted / not permitted to tow. (No passengers can be carried when towing)

Ownership and Related Information:

Owner of vessel :

Address:

Certificate of Ownership No. Year of build

Starting date of survey cycle Date of first final inspection

Safety Equipment

- (1) life-saving appliances
- _____ motor lifeboat(s)
 - _____ inflatable liferaft(s)
 - _____ buoyant apparatus(es)
 - _____ adult lifejacket(s)
 - _____ children lifejacket(s)
 - _____ lifebuoy(s), including:
 - _____ with self-igniting light(s)
 - _____ with self activating smoke(s)
 - _____ with buoyant lifeline(s)
 - _____ line-throwing appliance(s)
 - _____ rocket parachute flare(s)
 - _____ radar transponder(s)

Additional Particulars of Life-saving Appliances:

Item	Remarks

(2) fire-fighting apparatus

- _____ fire detection and alarm system(s)
- _____ fixed CO₂ fire extinguishing system(s)
- _____ automatic sprinkler system
- _____ fire station(s)
- _____ fire control plan(s)
- _____ fire roster(s)
- _____ non-portable fire extinguisher(s)
- _____ including:
 - _____ 45L foam _____ 16kg CO₂
- _____ portable fire extinguisher(s),
- _____ including:
 - _____ 9L or more foam
 - _____ 3kg or more CO₂
 - _____ 9L or more water
 - _____ 1.4kg or more dry powder
 - _____ 2.3kg or more dry powder
 - _____ 2.7kg or more dry powder
 - _____ 4.5kg or more dry powder
- _____ fire pump(s), including:
 - _____ manual _____ power
 - _____ fire hydrant(s) _____ fire hose(s)
 - _____ jet nozzle(s) _____ fireman's outfit(s)
 - _____ spray nozzle(s)
 - _____ jet nozzle(s)/spray nozzle(s)
 - _____ fire buckets with lanyard(s)
 - _____ fire blanket(s)
 - _____ international shore connection(s)
 - _____ fireman's axe(s)
 - _____ fire main(s)
 - _____ foam applicator + 2 x 20L mobile foam(s)

Additional Particulars of Fire-Fighting Apparatus:

Item	Remarks

- (3) radio communications equipment:
- _____ very high frequency radio installation(s)
 - _____ conformed automatic identification system(s)
 - _____ citizen Band Transceiver(s)
 - _____ single-side Band Radio(s) (with DSC and GPS)
 - _____ VHF (Very High Frequency) radio(s) (with DSC and GPS)

Additional Radio Communications Equipment:

Item	Remarks

- (4) navigational equipment:
- _____ conformed radar

Additional Navigational Equipment:

Item	Remarks

Particulars of Key Installations

1 Main Propulsion System

(a) The vessel is fitted with propulsion system. [Yes / No]

(b) Number of propellers fitted in the vessel : _____

(c) Number of water-jets fitted in the vessel : _____

(d) Main Engine Information:

Manufacturer and Model	Serial Number	Location	Power Output (kW)	Rated Speed (RPM)	Type	Remarks
Total Power Output (kW)						

(e) Gear Box Information: (if applicable)

Manufacturer and Model	Serial Number	Location	Remarks

(f) Electric Motor: (for diesel electric propulsion system)

Manufacturer and Model	Serial Number	Location	Power Output (kW)	Rated Speed (RPM)
Total Power Output (kW)				

2 Auxiliary Engine Information:

Manufacturer and Model	Serial Number	Location	Power Output (kW)	Rated Speed (RPM)	Type	With Generator
Total Power Output (kW)						

- 3 Compressed air system is fitted onboard. [Yes / No]
 If Yes, Safety Valve of air receiver/cement tank information:

Item	Serial Number of Air Receiver / Cement Tank	Safety Valve set pressure (bar)	Remarks

4. The vessel is fitted with _____ lifting appliances/ derrick cranes. [Yes / No]

Records of lifting appliances complies with the General Arrangement and [Yes / No / NA]
 the Register of Lifting Appliances and Lifting Gear

5. This vessel has _____ tonnes of permanent ballast onboard. [Yes / No]
 If Yes, Permanent Ballast information:

Item	Weight (tonnes)	Location		Material	Approved Record: Drawing / Document / Letter (if applicable)
		Frames (from) - (to)	Lateral Position		

6. Fuel Tank Capacity (m³) _____ in _____ No. of tanks.

7. LPG installation for domestic use is fitted onboard [Yes / No]
 (the capacity of LPG not exceed 50 kg).

8. Additional particulars of key installations:

Item	Remarks

The above survey declaration for the vessel is intended for the issue of Certificate of Survey and following certificate /document:-

- | | |
|---|-------------------|
| (1) Survey Record of Safety Equipment ※ | [Yes / No / NA] |
| (2) Hong Kong Load Line Certificate / Freeboard Assignment Certificate | [Yes / No / NA] |
| (3) Survey Record of Tonnage Measurement | [Yes / No / NA] |
| (4) Survey Record of Inspection for Cement Tank / Air Receiver/ Material / Equipment Test | [Yes / No / NA] |

Are following certificates/ document required for the operation of the vessel (if yes, relevant plans approval and information are to be processed):-

- | | |
|--|-------------------|
| (5) Exemption Certificate/ Permit for alternative material, fitting or equipment | [Yes / No / NA] |
| (6) International Tonnage Certificate | [Yes / No / NA] |
| (7) Minimum Safe Manning Document | [Yes / No / NA] |
| (8) International Load Line Certificate | [Yes / No / NA] |
| (9) International※ / Hong Kong Oil Pollution Prevention Certificate | [Yes / No / NA] |
| (10) International※ / Hong Kong Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk | [Yes / No / NA] |
| (11) International※ / Hong Kong Air Pollution Prevention Certificate | [Yes / No / NA] |
| (12) Declaration of Fitness for the Carriage of Dangerous Goods ※ | [Yes / No / NA] |
| (13) Register & Certification of Lifting Appliances and Lifting Gear ※ | [Yes / No / NA] |
| (14) Other : _____ | |

Note: ※ Submission of Convention Certificates may be acceptable to MD

For the above required certificate(s), the survey work

- (i) for item(s) _____ are expected completion by(date) _____
- (ii) rest of item(s) _____ are expected completion by(date) _____
- (iii) completion date will be separately advised by Owner

Supplement information for the above:

APPENDIX (VI)

AO's CHECKLIST (with cross-reference to items listed in Appendix (III) and Appendix (IV))

APPENDIX (VII)

CD containing AS-BUILT DRAWING (Class endorsed copy)

Personal Data Collection Statement
In accordance with the Personal Data (Privacy) Ordinance (Cap. 486), data subjects have a right to request access to and correction of their personal data provided in the application form. For access to or correction of personal data in the application form, please contact the Officer-in-charge, Local Vessels Safety Section of the Marine Department.