

Declaration of Survey and Record of Construction and Equipment For the Initial Survey of a Local Vessel (Plan Approval)

Name Of Vessel:-		Certificate Of Ownership No. or Approval-In-Principle No.:	
Class II /III	Type :	Category A / B	
Length Overall (m) :	Length (L) (m) :	Extreme Breath (m) :	
Gross Tonnage:	Net Tonnage :	Material of Hull:	

1. Submission of Plans and Data

1. Plans and data should be submitted according to the relevant item number given in tables of Chapter II of "Code of Practice – Safety Standards for Class I, II and III Vessels" for the construction of new vessel and alteration of existing vessel.
2. For a not classed vessel, plans and data as marked with "MD/AS/AO/RA" should be submitted to the relevant survey party for approval (or for record, as specified). One copy of such approved plans as marked with "@" should be submitted to the Marine Department for record.
3. For a vessel classed with a classification society, plans and data as marked with "AO" should be submitted to the relevant authorized organization for approval. One copy of such approved plans as marked with "@" should be submitted to the Marine Department for record.
4. Additional plans and data will be required when deemed necessary.

Note: MD = Marine Department; AS = Authorized Surveyor; AO = Authorized Organization;

RA = Recognized Authority

2. Plans and Data required to be submitted [Full set of plans / Simplified set of plans *7/*12]

Plans and Data	Vessel Category		A		B	Comments on Approval (see details below #)
			Not Classed	Classed		
(A) GENERAL AND SAFETY						
1) General Arrangement	@		MD/AS/AO/RA	AO	MD/AS/AO/RA (*1)	
2) Lines Plan including details of draft marks and offsets tables (for record)			MD/AS/AO/RA	AO	MD/AS/AO/RA (*2)	
3) Hydrostatic Curves			MD/AS/AO/RA	AO	MD/AS/AO/RA (*2)	
4) Cross Curves of Stability			MD/AS/AO/RA	AO	MD/AS/AO/RA (*2)	
5) Preliminary Intact Stability Information	@		MD/AS/AO/RA	AO	MD/AS/AO/RA	
6) Estimated Damage Stability Information (COP Ch. IV/Pt. 2 refers)	@		MD/AS/AO/RA	AO	MD/AS/AO/RA	
7) Inclining Experiment Report/Rolling Period Test Report	@		MD/AS/AO/RA	AO	MD/AS/AO/RA (*3)	
8) Stability Information Booklet (after inclining experiment)	@		MD/AS/AO/RA	AO	MD/AS/AO/RA (*3)	
9) Damage Stability Calculation (after inclining experiment) (COP Ch. IV/ Pt. 2 refers)	@		MD/AS/AO/RA	AO	MD/AS/AO/RA	
10) Tonnage Measurement & Calculation (*10)	@		MD/AS/AO/RA	AO	MD/AS/AO/RA	
11) a) Passenger Space (shelter)/Seating Arrangement/Assessment (COP Ch. V)	@		MD/AS/AO/RA	AO	MD/AS/AO/RA	
b) Passengers and Crew Accommodation Requirements (e.g. handrail, seat belt, staircase, lighting.. etc) (COP Ch. V)	@		MD/AS/AO/RA	AO	MD/AS/AO/RA	

Vessel Category		A		B	Comments on Approval (see details below #)
		Not Classed	Classed		
Plans and Data					
12)	Safety Plan showing arrangement of -				
	(a) Life saving appliances @	MD/AS/AO/RA	MD/AO	MD/AS/AO/RA (*1)	
	(b) Fire fighting apparatus @	MD/AS/AO/RA	MD/AO	MD/AS/AO/RA (*1)	
	(c) Navigation Lights and sound signals @	MD/AS/AO/RA	AO	MD/AS/AO/RA (*1)	
	(d) Means of escape, escape installation & arrangement...etc @	MD/AS/AO/RA	AO	MD/AS/AO/RA (*1)	
(B) HULL					
1)	Midship Sections	MD/AS/AO/RA	AO	MD/AS/AO/RA	
2)	Scantling Calculation	MD/AS/AO/RA	AO	MD/AS/AO/RA (*2)	
3)	Profile, Decks and Bulkheads	MD/AS/AO/RA	AO	MD/AS/AO/RA (*2)	
4)	Shell Expansion	MD/AS/AO/RA	AO	MD/AS/AO/RA (*2)	
5)	Rudder/Kort Nozzle, Rudder Stock, Skeg and Sole Piece	MD/AS/AO/RA	AO	MD/AS/AO/RA	
6)	Mooring Arrangement and Equipment Number Calculation (for DG carriers and L>50m Dumb steel lighters)	MD/AS/AO/RA	AO	MD/AS/AO/RA	
7)	Weather tight/watertight Closing Appliances Arrangement	MD/AS/AO/RA	AO	MD/AS/AO/RA	
8)	Structural Fire Protection Arrangement @	MD/AS/AO/RA	AO	MD/AS/AO/RA	
9)	Materials and Paints Specifications (*4)	MD/AS/AO/RA	AO	MD/AS/AO/RA	
10)	Loadline/Freeboard Certificate calculation and related requirements, such as coaming height, watertightness and...etc@	MD/AS/AO/RA	AO	MD/AS/AO/RA	
(C) MACHINERY INSTALLATION					
1)	Engine Room Arrangement	MD/AS/AO/RA	AO	MD/AS/AO/RA	
2)	Pump Room Arrangement	MD/AS/AO/RA	AO	MD/AS/AO/RA	
3)	Propeller Shafting, Stern Tube and Coupling	MD/AS/AO/RA	AO	MD/AS/AO/RA	
4)	(a) Main Engine and Gear Box Certificates (*5) @	MD/AS/AO/RA	AO	MD/AS/AO/RA	
	(b) Auxiliary Diesel Engine Certificates (*5) @	MD/AS/AO/RA	AO	MD/AS/AO/RA	
5)	Fuel Oil System (incl. tanks, piping)	MD/AS/AO/RA	AO	MD/AS/AO/RA	
6)	Fire-fighting Piping Arrangement (incl. fire main, fixed fire extinguishing system) @	MD/AS/AO/RA	AO	MD/AS/AO/RA	
7)	Bilge Pumping Arrangement	MD/AS/AO/RA	AO	MD/AS/AO/RA	
8)	Compressed Air Piping System (for pressure \geq 10 bar)	MD/AS/AO/RA	AO	MD/AS/AO/RA	
9)	Air Receiver (COP Ch. IIIA/ Pt.15 refers)	MD/AS/AO/RA	AO	MD/AS/AO/RA	
10)	Steering Gear Hydraulic Piping System	MD/AS/AO/RA	AO	MD/AS/AO/RA	
11)	Prevention of Oil Pollution Installation (COP Ch. IIIA/ Pt.19 refers) @	MD	MD/AO	MD	
12)	Fresh Water System (incl. tank construction, piping) (*6)	MD/AS/AO/RA	AO	MD/AS/AO/RA	
13)	Cargo Tank Venting System	MD/AS/AO/RA	AO	MD/AS/AO/RA	

Plans and Data	Vessel Category	A		B	Comments on Approval (see details below #)
		Not Classed	Classed		
14)	Mechanical Ventilation and Air-conditioning System	MD/AS/AO/RA	AO	MD/AS/AO/RA	
15)	Domestic LPG Installation (COP Annex U-1 refers)	MD/AS/AO/RA	AO	MD/AS/AO/RA (*8)	
16)	Filling, Sounding and Air Vent System	MD/AS/AO/RA	AO	MD/AS/AO/RA (*8)	
17)	Prevention of Air Pollution Installation (COP Annex I-10) @	MD	MD/AO	MD	
(D) ELECTRICAL INTSALLATION (including Emergency Power System)					
1)	AC System Line Diagram @	MD/AS/AO/RA	AO	MD/AS/AO/RA (*9)	
2)	Wiring Diagram of Main Switchboard	MD/AS/AO/RA	AO	MD/AS/AO/RA (*9)	
3)	Layout of Main Switchboard	MD/AS/AO/RA	AO	--	
4)	Electrical Arrangement	MD/AS/AO/RA	AO	MD/AS/AO/RA (*9)	
5)	Wiring Diagram of Distribution Board	MD/AS/AO/RA	AO	--	
(E) RADIO COMMUNICATION AND NAVIGATIONAL EQUIPMENT					
(1)	Radio Communication Equipment and Arrangement @	MD/AS/AO/RA	AO	MD/AS/AO/RA	
(2)	Navigational Equipment and Arrangement @	MD/AS/AO/RA	AO	MD/AS/AO/RA	
(F) ADDITIONAL ITEMS FOR SPECIAL OPERATION (i.e. DG VESSELS) AND OTHERS (*12)					
1)	Supplementary information/data and list of inspection, testing & trial requirements relating to the type of vessel @	MD	AO	MD/AS/AO/RA	
2)	Additional Items for Oil Carriers having cargoes $\leq 61^{\circ}\text{C}$ (COP Ch.VI refers)	MD	MD	MD	
3)	Additional Items for DG or NLS Carrier (COP Ch.VI refers)	MD	MD	MD	
(G) LIFTING APPLIANCES (including derrick cranes, extensible jib cranes and fixed-jib crane etc.,) (*11)					To be Required or Not
1)	Strength calculations for the stress members including derrick boom, mast, supporting structures, permanent attachments and other associated fittings @	Competent Examiner			[Yes / No / NA]
2)	Rigging diagrams that should include all rigging arrangements used in all modes of operation of the derrick cranes				[Yes / No / NA]
3)	As fitted drawings including the scantling and dimensions of the of the derrick boom, mast and permanent attachments, and the arrangements for preventing the lifting of the foot of the derrick boom out of its support				[Yes / No / NA]

3. Plans to be retained onboard

- Every Class I, Class II & Class III vessel (exclude wooden fishing vessel and sampan) should be provided onboard one copy of the plan(s) at least with the following information indicated thereon :
 - general arrangement of vessel, with seating arrangement and escape routes if passengers are carried;
 - types and dispositions of life saving appliance, fire fighting apparatus, navigation lights, sound signals and radio communication equipment (if fitted).
- For every Class I vessel carrying more than 100 passengers, safety plan showing arrangement of life saving appliances, fire fighting appliances, light and sound signal appliances and means of escape, escape installation and arrangement should be exhibited in conspicuous places throughout the vessel.

3. For Class II and III vessel, stability/ loading & unloading information where applicable should be provided on board.

4. The above approved plans for the vessel is intended for survey 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 or 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 (Initial only) | [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] |
| (15) Other: _____ | |

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

5. Remarks

[initial of Surveyor]

Comments on approval

(1) Each of the approved plans or not approved plans in this declaration report must be classified / coded as indicated below:

- A = Approved
- AW = Approved with Comments (see report attached)
- N = Not Approved with comments and required re-submission (see report attached)
- NA = Not Required for Approval / For Record Purposes

(2) Those items marked “MD” would be delegated to AS/AO/RA in accordance with the various stages / phases of delegation of survey programme as promulgated.

*** Notes of Form 1A**

- *1 Applicable to the following Category B vessels: dumb lighter, hopper barge, water boat, flat top work barge, landing pontoon, stationary vessel including separation barge, kitchen boat, ice barge, fish drying barge, waste water treatment barge and fish storage barges.
- *2 Applicable to dumb lighters, hopper barges and prototype vessel of GRP fishing sampan.
- *3 For dumb lighters required to be submitted with heavy lifting stability calculations, hopper barges and prototype vessel of GRP fishing sampan.
- *4 Applicable to floating restaurants and ceremony boats only.
- *5 For new vessels, (i) maker certificate for petrol engine; (ii) for diesel engine maker or classification societies approved certificates / information and document as appropriate required in COP Chapter IIIA or IIIB, Marine Department Notice 46 of 2008 and the applicable requirements of MS (Prevention of Air Pollution) Regulation.
- *6 For water boats only.
- *7 Applicable to simple design & construction vessels, such as Cl. III GRP fishing sampan, etc, simplified set of plans includes (A)(1), (A)(8), A(10), (A)(12), (B)(1) to (B)(3), (C)(3) to (C)(7) , (D)(1) and supplementary information/ data as necessary to be submitted.
- *8 Applicable to vessels other than wooden construction.
- *9 Applicable to the following Category B vessels fitted with A.C. generator:

Dumb lighters, other barges, landing pontoons, all stationary vessels (including separation barges , kitchen barges , ice barges , fish drying barges , water dispensing barges and fish storage barges); and prototype vessels of GRP fishing sampans but not applicable to vessels of wooden construction.
- *10 International Tonnage Certificate and Calculation may be acceptable to MD.
- *11 Any cranes for works, including cargo handling, fitted on local vessels, should have the document/drawing item a) to c) indicated below certified by a competent examiner. One copy of each of these documents/drawings certified under Merchant Shipping (Local Vessels) (Works) Regulation, Cap 548 should be submitted to MD. Following document, plans and data are to be certified:-
- a) Strength calculations for the stress members including derrick boom, mast, supporting structures, permanent attachments and other associated fittings (*Note: Recognised manufacturer's loading tables indicated essential information are acceptable instead of detailed strength calculations*).
 - b) Rigging diagrams that should include all rigging arrangements used in all modes of operation of the cranes.
 - c) As fitted drawings including the scantling and dimensions of the of the derrick boom, mast and permanent attachments, and the arrangements for preventing the lifting of the foot of the derrick boom out of its support.
- *12 For high risk vessels that are not classed, all plans and data to be submitted to Marine Department for approval.
- *13 Those category A vessels specified in COP Annex I-7C and N-2 should be referred for submission.
- *14 Those category B vessels specified in COP Annex I-7D, N-3, N-4A, N-4B, N-4C and Q should be referred for submission .

Remarks _____

I declare that the above approved plans were conducted in accordance with the applicable requirements of the Merchant Shipping (Local Vessels) Ordinance, Cap 548, its relevant regulations and MS (Prevention of Air Pollution) Regulation and, codes and standards as required to my satisfaction. The approval confirms that the structure, equipment, system, fittings, arrangement and material of the vessel and the condition thereof are in all respects satisfactory for the class and type of the vessel intended for its operational purpose.

Supplement survey reports to be attached, if applicable. [Yes / No]

Signature of Authorized Surveyor / Authorized Organization (AO) Representative / Recognized Authority (RA) Representative *: _____

Name of Authorized Surveyor / AO Representative / RA Representative* (in block letter): _____

Name of AO / RA*: _____

Date : _____

Note: Any revised approved plans or approved / endorsed final as fitted plans should be submitted to the Marine Department not later than 7 days before the Final Inspection.

