

QUARTERLY MAINTENANCE INSPECTION CHECKLIST

Life Saving (LS)

Date of inspection- spell out the month! (30 MARCH 2020) _____

Name of inspector (print) : _____

DIRECTIONS: Print this checklist and take it with you as you do your work. If any item **FAILS** inspection, **enter notes** to explain what you found. Submit to the Captain for signature when complete.

HELM CONNECT ENTRY- If the system is not in good working order, choose FAIL in the Helm record and complete a new, separate task for what needs to be done to return it to good working order. Finish this part of the QMI inspection and keep the new task open until repairs are completed.

NAMING THE NEW TASK- The task title in the description field should **start with the item number** on the list **followed by a short description**. For example: "LS1- life rafts inspection due in 2 months".

Inflatable Life Rafts (circle one)- PASS / FAIL

If FAIL, list new helm task #s here: _____

Item #	Description	OK	N/A	Needs repair / attention
LS1	Annual Service and Inspection at least four months out?			
LS2	HRUs (hydrostatic release units) expiry at least 4 months out?			
LS3	Container clearly stenciled with: Maker's name, serial number, # persons Launch instructions, length of painter?			
LS4	Vessel particulars listed on tube tag?			
LS5	Life raft painters and HRUs correctly connected via weak link?			
LS6	Launching instructions posted at liferaft station?			
LS7	Embarkation ladders in good condition?			
LS8	Embarkation lights working and sufficient to light the water?			
LS9	Embarkation station- gates and rails – good condition?			
LS10	Fire safety plan in waterproof tube at muster station?			
LS11	CURRENT crew/ muster list in the fire safety plan tube?			

NOTES:

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Rescue Boat (circle one)- **PASS** / **FAIL** / **N/A**

If **FAIL**, list new helm task #s here: _____

Item #	Description	OK	N/A	Needs repair / attention
LS12	External/internal condition hull and framing satisfactory - no visible wastage, doublers/reinforcements, holes?			
LS13	Are side benches/thwarts, clutch holes, gunwales in good condition with no rot or wastage (including flooring, hull)?			
LS14	Is bilge pump in good condition, especially rubber parts and mounting arrangements? 1. Suction/ discharge hoses in good condition - no tears or rot 2. Is pump tested regularly - working properly?			
LS15	Bilges in rescue boat clean and free of water / oil or debris?			
LS16	Boat cover in good condition, easy to remove/ replace?			
LS17	Sea painter lines correctly attached with toggle pin and ready for immediate use? (Do not lash to deck) Toggle pin in good condition?			
LS18	Required provision and equipment on board and secured to the rescue boat? Is grab bag on bridge identifiable and ready for use?			
LS19	Test engine and clutch- do they work in both ahead and aster modes? Can propeller disengage from engine?			
LS20	Fuel tank and engine covers in good condition? (no wastage/ corrosion)			
LS21	Paddles and boat hood in good condition?			
LS22	Sea anchor with shock resistant hawser and tripping line (optional) present and in good condition?			
LS23	Buoyancy tanks in good condition?			
LS24	Fire extinguishers on board and good condition?			
LS25	Lifeboat compass: 1. Bowl filled with liquid 2. Card rotates freely 3. Markings legible 3. Deviation checked			
LS26	Patch kit and air pump- aboard and good condition?			
LS27	Weathertight on board storage containers in good condition?			
LS28	Water resistant instructions for starting/ operating engines posted clearly on the rescue boat?			
LS29	Starter batteries and rechargers for searchlights- tested? Working well?			

NOTES:

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Rescue Boat Davit (circle one) - PASS / FAIL

If FAIL, list new helm task #s here: _____

Item #	Description	OK	N/A	Needs repair / attention
LS30	Rescue boat davit in good condition? Inspect hand cranks, winches, sheaves, brakes, wheels, blocks and other fittings.			
LS31	Rescue boat stowed correctly on the davit?			
LS32	Has boat been lowered to the water and run monthly? Has engine been run weekly per regulations?			
LS33	Have davit limit switches been tested and found satisfactory?			
LS34	Launching devices/ release gear tested, working well? All hooks release at the same time when boat is in the water?			
LS35	Has rescue boat fall been end for ended every 30 months? What was last date done? _____ When is it due again? _____			
LS36	Has fall been completely replaced every 5 years? Last date done? _____ Due again? _____			
LS37	Davit brakes tested and working well?			
LS38	Embarkation lights working and illuminate water well?			
LS39	Launching instructions displayed near station under lights?			
LS40	Are embarkation areas free from unauthorized gear?			
LS41	Release mechanisms clearly marked in contrasting color?			
LS42	Thermal protective aids provided in rescue boat equipment?			
NOTES:				

Lifebuoys (circle one) - PASS / FAIL

If FAIL, list new helm task #s here: _____

Item #	Description	OK	N/A	Needs repair / attention
LS43	Is the proper number fitted port and starboard for rapid release and equipped with self-activating lights or rope according to the fire/safety plan?			
LS44	Is one each side fitted only with buoyant 30m lifeline or 2 times the height from water line?			
LS45	Are at least 1 each fitted port and starboard with self-igniting lights with 2 fitted with self- activating smoke (MOB light/smoke) capable of quick release from navigation bridge?			
LS46	Have self-igniting lights been tested and batteries examined for expiration dates? Are any with less than 5 months remaining before expiry?			
LS47	Are lifebuoy stowage brackets in satisfactory condition? Can lifebuoys be rapidly cast loose and not permanently secured in any way?			

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LS48	Is each marked with vessel name and port registry in block capital letters?			
NOTES:				

Life Jackets (circle one) - PASS / FAIL

If FAIL, list new helm task #s here: _____

Item #	Description	OK	N/A	Needs repair / attention
LS49	Are sufficient numbers provided for every person on board and are they properly stowed and location plainly indicated in accommodations and extra locations according to Fire/Safety plan?			
LS50	Numbers of lifejackets in deck boxes correspond to label on box?			
LS51	Additional numbers provided for persons on watch (bridge and engine room) and in satisfactory condition?			
LS52	In satisfactory condition with all attachments (whistles, lights (on/off switch if flashing), retro-reflective tape)? Expiry on light less than 4 months remaining?			
NOTES:				

General Alarm Drill (circle one) - PASS / FAIL

If FAIL, list new helm task #s here: _____

Item #	Description	OK	N/A	Needs repair / attention
LS53	Is all emergency lighting working correctly including machinery space, accommodation, bridge, control stations, outside passages?			
LS54	Are emergency escape routes indicated, satisfactorily lighted and clear of obstructions?			
LS55	Are all emergency lighting batteries charged from emergency switchboard in satisfactory condition?			
LS56	Does the General Alarm function from all activation points?			
NOTES:				

Signal, Emergency, Bridge (circle one) - PASS / FAIL

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If FAIL, list new helm task #s here: _____

Item #	Description	OK	N/A	Needs repair / attention
LS57	Is line-throwing apparatus in satisfactory condition including four projectiles (with valid dates at least) capable of reaching distance of 230m?			
LS58	Rocket Flares - Are there at least 12 with greater than 4 months before expiry date. Are they stored in well marked secure location ready to be taken to muster station?			
LS59	Hand Held Flares - Are there sufficient number with greater than 4 months before expiry date. Are they stored in well marked secure location ready to be taken to muster station?			
LS60	Smoke - Are there sufficient number with greater than 4 months before expiry date. Are they stored in well marked secure location ready to be taken to muster station?			
LS61	SART - Mounted at port and starboard bridge doors with greater than 4 months remaining before expiry?			
LS62	EPIRB - Mounted to float free outside vessel? More than 4 months remaining on the expiry of each - HRU, battery, registration, annual test certificate?			
LS63	LB radios - Mounted at port and starboard bridge doors with greater than 4 months remaining before expiry?			
LS64	Is there an automated fog signal? Does it work correctly?			
LS65	Is there a ship's bell and does it ring satisfactorily?			
LS66	Does the ship's whistle/horn work satisfactorily?			
LS67	SOLAS Training Manual - Are two copies in the working language of the ship available for crew review?			
LS68	Is the Damage Control Kit readily accessible, identifiable by all, and in good condition?			
LS69	Are replacement or additional items needed for the Damage Control Kit?			
LS70	Are replacement or additional items needed for the SOPEP Kit? Examine the inventory list.			
NOTES:				