



Livestock vessel ACCL annual / renewal survey checklist

HPRM reference:

Ship name: IMO number:

Voyage number: Agent:

Owner: Livestock operator (ISM Company):

Keel laid: Date converted (if applicable):

Gross tonnage (GT): Class Society:

Date of inspection

Time of inspection On: Time of inspection Off:

SAFCON Issue date: Expiry date:

ACCL Issue date Expiry date:

1. Inspection history		
Application for survey received		
Review vessel status and vessel files or folders in shared drives and AMSA Record management system		
Review summary of livestock losses over previous year		
Any outstanding deficiencies in SHIPSYS		
Consult Livestock team for further survey advice as and/or if required		
GVO advised that an annual or renewal survey is to be made		
PSC Inspection due / /		
2. Document verification and review		
ACCL		
• On board		
• AMSA assessed record of equipment on board and consistent with the ACCL		
• Modifications of provisions—if yes, all still valid		
Statutory and other documents		
• Livestock statutory certificates valid		
• Livestock operator on ACCL matches ISM Operator—if not ACCL is invalid		
• Notification received (see provision 34)		
• Class approved Trim/stability manual assessed by AMSA and current copy in use		
• Class approved Trim/stability software on board		
• Maintenance and pressure test records for fire extinguishers in livestock spaces (where fitted)		
• Garbage record book entries (for carcass disposal)		
• Fodder tanks emptied and cleaned in the last 90 days—if no then those tanks are to be inspected prior to loading fodder into them		
• Load line conditions of assignment available—with amendments for conversion if applicable		
• Classification survey records of inspection sighted		

<ul style="list-style-type: none"> Any conditions of class overdue, or are outstanding with no evidence they are being addressed to Class satisfaction 		
Documented maintenance program (may be incorporated in the PMS)		
<ul style="list-style-type: none"> On board 		
<ul style="list-style-type: none"> Inspection and maintenance entries 		
3. Inspection of vessel		
A detailed inspection of the livestock space should be made when undertaking annual/renewal surveys. Safe entry procedures are to be used before entry into any livestock space.		
Structure		
<ul style="list-style-type: none"> Pillars, stanchions, supports satisfactory 		
<ul style="list-style-type: none"> Girders, beams satisfactory 		
<ul style="list-style-type: none"> Frames, stiffeners satisfactory 		
<ul style="list-style-type: none"> Brackets, gussets, connections satisfactory 		
<ul style="list-style-type: none"> Decks satisfactory 		
<ul style="list-style-type: none"> Shell plating, bulkheads, partitions satisfactory 		
<ul style="list-style-type: none"> Rails satisfactory 		
<ul style="list-style-type: none"> Hinges and pins satisfactory 		
<ul style="list-style-type: none"> Ramps, walkways satisfactory 		
<ul style="list-style-type: none"> Ramp or other means of access for livestock to and from the vessel load tested within the last 5 years 		
<ul style="list-style-type: none"> Gates, doors satisfactory—include gate at ship side access 		
<ul style="list-style-type: none"> No changes to the pen arrangements (size and/or use) from assessed or approved drawings and the Record of equipment 		
<ul style="list-style-type: none"> If structural items noted above and referred to in MO43 are severely deteriorated, is re-calculation of structural strength necessary to show compliance with criteria given in MO43 		
Tanks associated with the carriage of livestock		
<i>AMSA's Confined Space Safe System of Work Manual is to be consulted prior to any tank entry.</i>		
<ul style="list-style-type: none"> Evidence that livestock fresh water tanks are inspected and maintained (PMS, records of inspection) 		
<ul style="list-style-type: none"> Evidence that livestock sewage holding tanks are inspected and maintained (PMS, records of inspection) <i>Livestock sewage tanks are fitted to comply with MARPOL Annex IV—but MO43 also requires compliance with MARPOL Annex V</i> 		
MO43 electrical		
<ul style="list-style-type: none"> Insulation resistance records of electrical equipment and wiring of livestock services satisfactory 		
<ul style="list-style-type: none"> Cables and supports satisfactory 		
<ul style="list-style-type: none"> Power points, junction boxes and switches satisfactory 		
Main source of power		
<ul style="list-style-type: none"> Main generators maintenance and capacity for livestock and ships supply satisfactory 		
<ul style="list-style-type: none"> Each machine in main source of power to be tested on as high a load as possible (preferably 85% MCR or greater) for not less than 30 minutes. The surveyor is to use their discretion to extend the test of any engine depending on the visual condition of the machine and information in maintenance and log book running records up to a maximum of 2 hours. If the engine has to be taken off load or stopped during any test at any time, the test period after the issues are rectified is not to be less than 1 hour 		
Secondary source of power		
<ul style="list-style-type: none"> Fuel supply and arrangements for secondary source of power adequate to permit provision of power for at least 3 days 		
<ul style="list-style-type: none"> Secondary source of power being maintained to manufacturers requirements. (Check maintenance record) 		
<ul style="list-style-type: none"> Secondary source of power available for immediate use 		
<ul style="list-style-type: none"> Auto start (where fitted) and manual operation verified 		

<ul style="list-style-type: none"> Each machine in secondary source of power to be tested on as high a load as possible (preferably 85 per cent MCR or greater) for not less than 30 minutes. The surveyor is to use their discretion to extend the test of any engine depending on the visual condition of the machine and information in maintenance and log book running records up to a maximum of 2 hours. If the engine has to be taken off load or stopped during any test at any time, the test period after the issues are rectified is not to be less than 1 hour 		
<ul style="list-style-type: none"> Crew to demonstrate competence in restoring power if secondary source fails to start automatically 		
<ul style="list-style-type: none"> Starting and connection instructions posted and illuminated by emergency lighting 		
<ul style="list-style-type: none"> Confirm that electrical separation of secondary source from main source conforms with the assessed arrangement and that no modifications have occurred 		
<ul style="list-style-type: none"> Location of fan starters and light switching separate from main and secondary source of power—the switchboard not in the same compartment as the generator(s) if it includes the starters for lighting and ventilation 		
Lighting arrangements		
<ul style="list-style-type: none"> Lighting installation checked against Record of equipment 		
<ul style="list-style-type: none"> Assessed main and emergency lighting measurement reports available. Reports must be by independent third party and no more than 5 years old and consistent with ACCL. 		
<ul style="list-style-type: none"> Light fittings in livestock spaces waterproof—maintenance of lighting satisfactory 		
<ul style="list-style-type: none"> Portable lighting tested—hand lamps where permitted and 110 lux for livestock inspection 		
<ul style="list-style-type: none"> Emergency lighting test—is power supplied automatically upon failure of the main electrical installation and adequate for not less than 15 minutes operation—may be supplied by any separate source of power that is not the main or secondary source of power—for example SOLAS emergency source of power, batteries. Not applicable if hand lamps are permitted 		
Ventilation		
<ul style="list-style-type: none"> Assessed ventilation measurement report available. Reports must be by independent third party and no more than 5 years old and consistent with ACCL 		
<ul style="list-style-type: none"> All fans tested 		
<ul style="list-style-type: none"> Condition and height of trunking satisfactory 		
<ul style="list-style-type: none"> Height of coamings of intake and exhaust in compliance with MO43 		
<ul style="list-style-type: none"> Placement of exhaust relative to accommodation ventilation intakes satisfactory 		
<ul style="list-style-type: none"> Where required ear protection signage displayed at entrances to the ventilated livestock spaces 		
<ul style="list-style-type: none"> Ventilation distribution satisfactory 		
<ul style="list-style-type: none"> Spares available on board for each fan size and type if fan redundancy not achieved by stand-by fans and as required in the Record of equipment 		
<ul style="list-style-type: none"> A random selection of ventilation outputs and velocities across selected pens to be tested at the time of inspection to ensure output conforms with the accepted arrangements. <i>This should be carried out wherever possible. If no calibrated measurement device is available, an uncalibrated device could be used as a check. Any periodical on board records of checks can also be taken into account.</i> 		
General		
<ul style="list-style-type: none"> Intrinsically safe equipment in hazardous areas, remote switching, indicator lights satisfactory 		
<ul style="list-style-type: none"> Fresh water generators connected to both main and secondary emergency sources of power where water production is to be counted towards ASEL voyage quantity requirements—Department of Agriculture legislation 		
<ul style="list-style-type: none"> Where fodder distribution is mechanical, are back-up arrangements in place and ready to be implemented for the distribution of fodder, including sufficient equipment such as wheelbarrows and personnel 		
<ul style="list-style-type: none"> Fresh water pumps tested on main and secondary sources of power as per accepted connection details in the Record of equipment 		
<ul style="list-style-type: none"> Receptacles for fodder and water satisfactory 		
<ul style="list-style-type: none"> Livestock fresh water services satisfactory 		
<ul style="list-style-type: none"> Preventative measures for fouling of food and water troughs satisfactory 		
<ul style="list-style-type: none"> Non-slip surfaces and batten condition satisfactory 		
<ul style="list-style-type: none"> Hospital pens marked 		
<ul style="list-style-type: none"> Drainage satisfactory and channels adequately protected 		
<ul style="list-style-type: none"> Bilge pumping system and retention facilities satisfactory 		

• Condition of piping in livestock space satisfactory		
• Watertight or weathertight closing arrangements satisfactory?		
• Operate water or weathertight doors and check local and remote indicators and alarms		
• Portable sills fitted		
• Operational notices posted at door		
• Sheathing—pens, passageways, ramps—satisfactory		
• No operational practices interfering with safety		
• General alarm inside each livestock space tested and audible		
• Humane killing device onboard suitable for each species and in accordance with record of equipment		
• Access and egress arrangements satisfactory		
• Emergency room/Boiler room casing/bulkhead with livestock space insulation satisfactory—where applicable		
• Ship/shore loading ramp satisfactory		
• Arrangements—deck crane/hoists—for handling fodder, portable loading ramp and animal carcasses satisfactory		
• No fixtures/objects in pens to cause injury		
• Bulk fodder stowage and distribution satisfactory		
• No smoking signs fitted		
Fire fighting arrangements in livestock spaces		
• Fire main tested under pressure		
• Adequate pressure for two fire hoses		
• Livestock space fitted with jet/spray nozzles		
• CO2 or other equivalent fire fighting system fitted in fodder tanks		
• Fire fighting equipment satisfactory and in accordance with Record of equipment		
Modifications or repairs		
• No evidence of unauthorised modification to livestock carriage arrangement		
4 Compliance with MO43		
All deficiencies noted rectified		
Follow-up inspection on deficiencies required		
Further action required		
For annual survey only— ACCL endorsed		
For renewal survey only—where not prevented from doing so by non-compliance, send this completed report to HO and recommendation to issue a new ACCL		
Master/Agent advised of vessels survey status.		
SHIPSYS—survey entry completed		

Comments:

Surveyors name:

Date:

Surveyors signature: _____