
Part E

Survey Questionnaire

Non IACS Supplement

This supplement is to be completed for any vessel which is non-IACS class, and for which the Enhanced Survey is required.

Ship name:

IMO No:

Date survey completed:

Survey port:

Surveyor's name:

Survey company:

Surveyor's ref. number:

Order club:

Club ref. no.:

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6. Survey Questionnaire - Non IACS Classed Vessels

6.1 Survey Status

Remarks

- | | |
|--------|--|
| 6.1.1 | Class Society: |
| 6.1.2 | Date joined: |
| 6.1.3 | Previous Class Society: |
| 6.1.4 | Comment regarding reason for change, if obtainable: |
| 6.1.5 | Check any Class Survey reports / status records and quarterly listing held on board and comment: |
| 6.1.7 | When and where was the last Class Survey: |
| 6.1.8 | When and where was the last Statutory Survey: |
| 6.1.6 | When and where is the next annual/periodical or special survey?
The Club requires Joint attendance with the non-IACS-class surveyor at each annual survey and/or special survey at dry-dock. |
| 6.1.9 | When and where was the last Port State Inspection. List defects and present status below (attach a copy if easier): |
| 6.1.10 | Does the present Classification Society carry out Statutory Surveys on behalf of the Flag State, and if so list the Statutory Surveys carried out: |

6.2 Vessel Structure

Remarks

- 6.2.1 Does the vessel have a record of the last thickness gauging survey, and if so when was it conducted:
- 6.2.2 Details of the approved NDT company carrying out inspection:
- 6.2.3 Was the survey conducted using Class guidelines:
The Club requires Ultrasonic thickness measurements (UTM) by an approved inspector under the guidance of the Club surveyor at intervals of not more than 30 months.
- 6.2.4 Following review of the above, what was noted to be the highest percentage diminution:
- 6.2.5 State areas where diminution exceeds 20% of original:
The Club may require additional random UTM testing to verify wastage
- 6.2.6 Have Owners / Managers noted findings, and if so, what action is planned:
- 6.2.7 Have any structural repairs been carried out within the last year:

6.3 Tanks & Void Spaces Inspection (forepeak and aft peak, plus as many other spaces as practicable, and all water ballast tanks)

Remarks

- 6.3.1 Spaces inspected:
The Club requires internal inspection of all ballast tanks.
- 6.3.2 Condition of anodes, coating, plating, internal members, ladders, transiting pipes, valves, bellmouths, access, in particular gaskets/seals.

6.3 Ballast Tanks & Void Spaces Inspection (continued...)

Remarks

6.3.3 Hydrostatic testing to be carried out (mandatory), filled, vents removed and monitored for 30 minutes

6.4 Cargo holds

Remarks

6.4.1 Cargo tanks/holds inspected

6.4.2 Condition of anodes, coating, bulkhead, side shell, tank top, cross deck plating, internal members, including side shell stiffeners, ladders (Australian/vertical), transiting pipes, valves, bellmouths, bilge wells, access, in particular gaskets/seals.

6.4.3 Condition of fire fighting system for cargo spaces.

6.4.4 Testing to be carried out for all water ingress alarms, high level and overflow alarms and pipeline pressure test (for tankers). (mandatory), filled, vents removed and monitored for 30 minutes

6.5 Accommodation Block and Masthouses

Remarks

- | | |
|-------|---|
| 6.5.1 | Condition of plating |
| 6.5.2 | Condition of coating |
| 6.5.3 | Condition of portholes, watertight doors & seals, vent covers & seals, including identifying marks. |
| 6.5.4 | Condition of fire proofing |

6.6 Hull and Decks

Remarks

- | | |
|-------|--|
| 6.6.1 | Condition of side shell plating |
| 6.6.2 | Condition of deck plating |
| 6.6.3 | Condition of coating |
| 6.6.4 | Condition of access stairways and ladders |
| 6.6.5 | Condition of vents, filling pipes, sounding pipes etc..., including identifying marks. |

6.7 Machinery

Remarks

- | | Remarks |
|--------|--|
| 6.7.1 | General condition of main engine(s)
The Club requires detailed Review of major engine room machinery items, engine room management and PMS |
| 6.7.2 | General Condition of auxiliary engines.
Load test and check switchboard |
| 6.7.3 | Running hours |
| 6.7.4 | Detailed review of Oil Record Book (ORB) |
| 6.7.5 | Oil analysis (date & result) of all equipment.
The Club requires Lube oil analysis to be completed every 6 months and reports to be reviewed and actionable items approved by the Club surveyor. |
| 6.7.6 | Alarm testing of all critical machinery. |
| 6.7.7 | Main engine jacket water treatment records. |
| 6.7.8 | Detailed Inspection of low pressure and high pressure L.O and F.O pipes including a test of engine high pressure F.O alarms |
| 6.7.9 | Air compressors operational check (can they pump up the air start bottles quickly?) |
| 6.7.10 | General condition of ancillary equipment (pumps, purifiers etc) |

6.7 Machinery (continued...)

Remarks

- | | |
|--------|---|
| 6.7.11 | General condition and arrangements for Oily Water Separator, and date of last internal inspection |
| 6.7.12 | Insulation tests (date and result) |
| 6.7.13 | Boiler (last survey and treatment) |

6.8 Function Tests

Remarks

- | | |
|-------|--|
| 6.8.1 | Remote fuel valve closures, (quick closing valves) |
| 6.8.2 | Remote stops:
-Ventilation
-Fuel pumps
-Sludge pumps
-Others |
| 6.8.3 | Bilge alarms test |
| 6.8.4 | Main engine alarms |
| 6.8.5 | Auxiliary engine on-load test and alarms |
| 6.8.6 | Oily Water Separator 15 PPM alarm |
| 6.8.7 | Steering gear, function test |
| 6.8.8 | Oily Mist Detector |
| 6.8.9 | Emergency Generator |

6.9 Planned Maintenance

Remarks

- 6.9.1 Is there a PMS in place?
- 6.9.2 Is it reviewed by the Managers?
- 6.9.3 Does a review of the PMS indicate that it is adequate for the vessel?
- 6.9.4 Does a random check indicate that the PMS is up to date?
- 6.9.5 Are the sufficient spares on board?

6.10 Deck Equipment

Remarks

- 6.10.1 General condition of windlasses, anchors and chains
(last brake holding test?)
- 6.10.2 General condition of mooring winches/capstans, mooring wires/ropes.
(last brake holding test?)
- 6.10.3 General condition of lifting equipments
(last load test and inspection including overload trips and limit switches?)
- 6.10.4 Hatch cover hydraulics
running test of each cover
open and close check for efficient operation and no leakage

6.10 Deck Equipment (continued...)

Remarks

6.10.5 General condition of deck pipelines, supports and expansion joints.
(last pressure test?)

6.10.6 Condition of Lifeboat falls
(date last renewed and turned end to end)

6.11 ISM, Management and Crew

Remarks

6.11.1 Is the ISM system approved by Flag State?
The Club requires review of safety management systems and procedures including on board training standards

6.11.2 Are the crew suitably certified, experienced and qualified?

6.11.3 Are relevant procedures available public areas, including emergency drill and safety equipment instructions

6.11.4 Are the crew required to read and sign the company training manual, and what is the date of the last entry

6.11.5 Who is the Designated Person Ashore, and when was he last contacted?

6.11.6 When was the last DPA/ Superintendent review completed and were all non-compliances satisfactorily completed?"

6.11.7 Are safety meetings held, and what was the date of the last one?

6.11 ISM, Management and Crew (continued...)

Remarks

- 6.11.8 Do the minutes of the meeting indicate that meetings are properly attended and recorded?
- 6.11.9 Do the Crew conduct Risk Assessments, Tool Box Talks or similar?
- 6.11.10 Is there a system for officially reporting on accidents, incidents, near misses
- 6.11.11 Is it apparent that Management ashore reviews accidents, incidents, near misses, safety meetings etc., and takes appropriate response where necessary
- 6.11.12 Is there a Training Policy, and if so does it appear that it is being followed
- 6.11.13 Are crew sourced from an Agency, or are they directly employed
- 6.11.14 If Crew are Agency sourced, is there any Company vetting procedure in place
- 6.11.15 What are the general periods of employment on board
- 6.11.16 What are the conditions on board like, eg are toilets and AC working, is there a rec. room etc.