# Part E

# **Survey Questionnaire**

# **Non IACS Supplement**

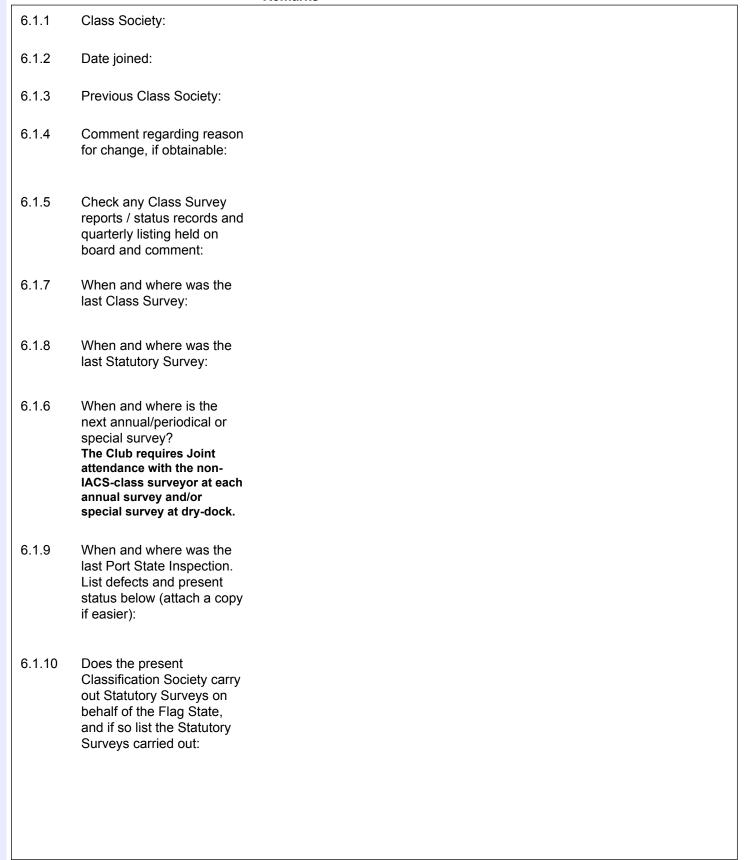
This supplement is to be completed for any vessel which is non-IACS class, and for which the Enhanced Survey is required.

| Ship name:              |  |
|-------------------------|--|
| IMO No:                 |  |
| Date survey completed:  |  |
| Survey port:            |  |
| Surveyor's name:        |  |
| Survey company:         |  |
| Surveyor's ref. number: |  |
|                         |  |
| Order club:             |  |
| Club ref. no :          |  |

This report, and any accompanying documentation or photographs, has been compiled for the sole use of the Association for insurance purposes only and should not be disclosed to third parties without prior written permission from the Association. The information contained in this report, and any accompanying documentation or photographs, is not exhaustive as to the general condition of the ship and should not be relied upon by members or by any other party as any assurance, representation or warranty as to the condition of the ship and nothing herein shall prejudice the Club's rights under the insurance policy in the event of a dispute between the Club and the member relating to the condition of the ship.

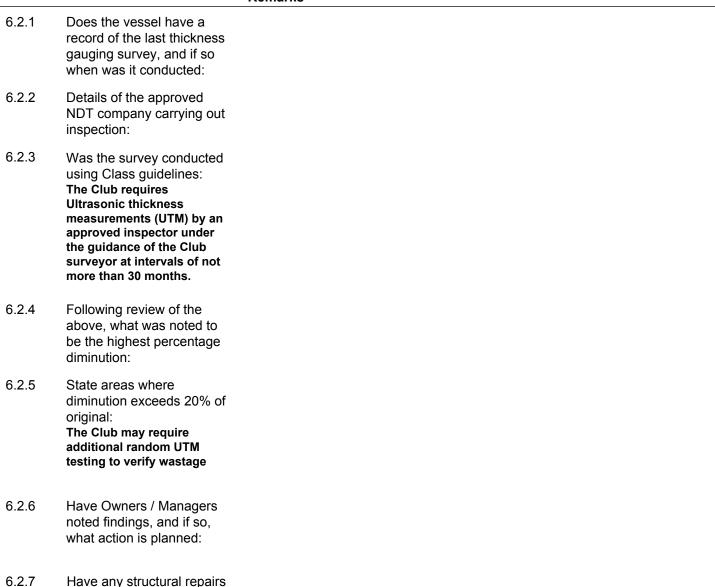
# 6. Survey Questionnaire - Non IACS Classed Vessels

### 6.1 Survey Status



### 6.2 Vessel Structure

### Remarks



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.

last year:

been carried out within the

6.3.2 Condition of anodes, coating, plating, internal members, ladders, transiting pipes, valves, bellmouths, access, in particular gaskets/seals.

| 6.3 | <b>Ballast Tanks</b> | & Void Sr | oaces Insi | pection ( | continued) |
|-----|----------------------|-----------|------------|-----------|------------|
|     |                      |           |            |           |            |

### Remarks

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

## 6.4 Cargo holds

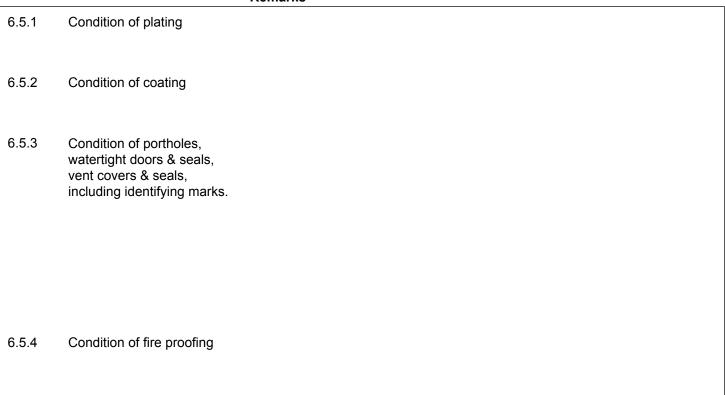
### Remarks

- 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 overfill alarms and pipeline pressure test (for tankers). (mandatory), filled, vents removed and monitored for 30 minutes

### 6.5 Accommodation Block and Masthouses

### Remarks



### 6.6 Hull and Decks

| 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

| 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

| 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

- 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
- 6.11.10 Is there a system for officially reporting on accidents, incidents, near misses

Talks or similar?

- 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.