

## ****Indian Ocean P&I Club****

## Small Vessel P&I Condition Survey

## 

## “VESSEL NAME”

## (Please affix one photograph of the vessel on this cover page)

|  |  |
| --- | --- |
| Date of Survey: |  |
| Port of Survey: |  |
| Name of Surveyor : |  |
| Survey Company: |  |
| IMO Number: |  |

**Instructions for Surveyors**

The purpose of this survey is to primarily provide the Managers of the Association with objective evidence, facts and visual observations that give a clear picture of the potential risks to be insured. However, it is also an invaluable tool to allow us to identify and advise the Member of loss preventive measures, when dealt with on a proactive basis.

The survey is not just aimed at determining structural / physical conditions as they affect the cargo worthiness and sea worthiness of a vessel, but also to determine the adequacy of the systems and procedures that are in place to support a safe working environment and reduce exposure to risk.

You will be notified of the type of survey required and if any specific areas of the vessel need particular attention. It is intended that the survey should take no longer than one man day to complete, but if for any reason insufficient time is anticipated, then we should be notified immediately. Under no circumstances should the vessel’s itinerary be affected by the survey, unless informed otherwise. These instructions are to be read in conjunction with the Request for Conduct of a P&I Vessel Condition Survey.

## On completion of the survey, the Report including the List of Defects (in “Word” Format) should be e-mailed to **Indian Ocean P&I Club** within 48 hours of completion of the survey with photographs showing the general condition and layout of the vessel; and as practicable ones clearly showing each and every deficiency found. A copy of the list of defects and the ultra-sonic hatch test report is to be given to the Master before the surveyor leaves the vessel. For items affecting seaworthiness, the Managers are to be notified immediately. If any of the high priority tests or inspections, such as the testing of hatch covers (ultrasonic being the preferred method), hydro pressure testing of ballast tanks, cargo hold bilge suction tests, ballast tank inspections etc were not fully completed, then these are to be shown as outstanding on the applicable part of the defect list with a clear reason given as to why a specific test or inspection could not be carried out.

The attending surveyor should not give the Master any time frames within which a particular deficiency should be rectified.

A number of Port Authorities will now not allow the discharge of water from a vessel in an environmentally sensitive area. Where such restrictions apply they will prevent the likes of hydro pressure testing of ballast tanks and bilge suction tests being undertaken. Therefore, if a vessel is nominated for survey at a port where these tests cannot be undertaken then the surveyor is to advise the Club of such limitations, so that the survey may be rescheduled to a more suitable location.

In cases where the provisions of safety and required access are judged by the attending surveyor(s) not to be adequate, the survey of the spaces involved should not proceed. Cargo holds, tanks and spaces should be safe for access. Cargo holds, tanks and spaces should be gas free and properly ventilated. Prior to entering a tank, void or enclosed space, it should be verified that the atmosphere in the tank is free from hazardous gas and contains sufficient oxygen.

**We stress that all costs and expenses relating to this survey are for the Members’ account.**

***Survey and Loss Prevention Department***

## ****Indian Ocean P&I Club****

**Condition Survey Summary**

*(The purpose of this part is to provide an overview and must be included in the report along with the List of Defects)*

### Section 1: Circumstances of Survey

### *(Describe in brief the type of survey, date and time the survey commenced and date and time of completion, the operational status of the vessel at time of attendance, type of cargo handled, if applicable, next port of call, and particular observations or information the surveyor may consider to be of interest to the Club. Please also specify ballast tanks and cargo holds /cargo tanks inspected. Areas not completed during this inspection and the reason for not carrying out a full inspection should be clearly stated- if applicable).*

### Section 2: Vessel’s Characteristics

|  |  |  |
| --- | --- | --- |
| **1** | Vessel Name |  |
| **2** | Former Name(s) |  |
| **3** | Vessel Type |  |
| **4** | Flag/Port of Registry |  |
| **5** | IMO Number |  |
| **6** | Keel Laid / Yard / Country |  |
| **7** | Classification Society &  Class Notation |  |
| **8** | Previous Classification Society if entered with present one for less than 12 months |  |
| **9** | Length (LOA) & (LBP) |  |
| **10** | Breadth |  |
| **11** | Max. Summer Draft |  |
| **12** | Gross Tonnage |  |
| **13** | Summer DWT |  |
| **14** | Main Engine,  Manufacturer /Type, Power (kW) &  Year Built |  |
| **15** | Call Sign |  |
| **16** | Owners  (Name & Nationality) |  |
| **17** | Time under present Ownership |  |
| **18** | Ship /Technical Management Co. (Name & Nationality) |  |
| **19** | Time under present Management |  |
| **20** | ISM Management Co.  (Name & Nationality) |  |
| **21** | No. of Hatches |  |
| **22** | No. of Holds/Cargo Tanks |  |
| **23** | No. of Ballast Tanks |  |
| **24** | Date of last Dry-dock |  |
| **25** | Date of next Dry-dock |  |

### Section 3: Overview of Vessel’s Condition

*(Please describe subjectively under following headings)*

**1.** **Vessel’s Trading Pattern:**

*(Give maximum obtainable information on the names of past ports of call and cargoes carried -*

*Attach ports of call list showing cargoes carried if available. Advise the* ***“Trading Area”*** *shown in the ship’s* ***Minimum Safe Manning Certificate****).*

**2. Certificate Status:**

*(Brief description including details of any deficiencies, overdue certificates and those ones due to expire within 3 months of survey. Note that copy of all ship’s certificates is not required).*

**3.** **Hull and Deck Structure:**

*(Brief description and overall impression of the structure, coatings and fittings)*

**4.** **Ballast Tanks:**

*(List tanks inspected, brief description of condition and coating and overall impression)*

**5.** **Cargo Worthiness:**

*(Brief description and overall impression of cargo holds, cargo tanks and results of hatch cover testing)*

**6.** **Cargo Gear:**

*(Brief description, status of certification and overall impression)*

**7. Navigation and Communications:**

*(Brief description and overall impression)*

**8.** **Shipboard Management and Manning:**

*(Brief description and overall impression of on-board management, including reference to the shore based Technical Management. An emergency drill may be conducted and the surveyor’s impression reported)*

**9.** **Pollution Prevention:**

*(Brief description and the overall impression)*

**10.** **Fire Prevention, Life Saving and Emergency Response:**

(*Brief description and the overall impression*)

**11.** **Machinery:**

(*Brief description of plant and the overall impression. Briefly note any operational issues with critical machinery)*

**12.** **Class Surveys & Dockings:**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Date & Place of Survey | Date of Next Survey |
| **1** | Hull Special Survey |  |  |
| **2** | Hull Annual Survey |  |  |
| **3** | Machinery Special Survey |  |  |
| **4** | Machinery Annual Survey |  |  |
| **5** | Dry Docking |  |  |
| **6** | Other (e.g. Refrigeration) |  |  |
| **7** | Class Quarterly Listings / Summary.  (Note: Date & list any Conditions of Class or Class Recommendations or Memoranda and any overdue surveys or extensions granted) |  | |
| **8** | Please include copy of latest Ship’s Survey Status with the Preliminary Report |  | |

**13.** **Port State Control Inspections:**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Date of Survey | Place of Survey |
| **1** | Last Inspection |  |  |
| **2** | Was ship detained? If so, for how long? |  | |
| **3** | List defects identified during PSC Inspection |  | |
| **4** | Have these defects been adequately rectified?  If not, please list outstanding ones. |  | |

### Section 4 – Summary of Tests / Inspections Undertaken

*(List the tests as described in the questionnaire which could not be completed. All tests not undertaken or require repeating because of a defect to be included in the* ***Defect List****)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Test / Inspection** | **Y** | **N** | **NA** | **NI** | **Remarks** |
| 1 | Weather-tightness test of **all** hatch covers |  |  |  |  |  |
| 2 | Hatch cover inspection of structural condition & fittings |  |  |  |  |  |
| 3 | Cargo hold bilge high-level alarm test |  |  |  |  |  |
| 4 | Suction test of **all** cargo hold bilge wells |  |  |  |  |  |
| 5 | Check operation of bilge non-return valves to see they prevent backflow of water into cargo holds |  |  |  |  |  |
| 6 | Cargo hold water level detector audible & visual alarms test |  |  |  |  |  |
| 7 | Ballast tanks forward of collision bulkhead water level detector audible & visual alarms |  |  |  |  |  |
| 8 | Ballast tank inspection (Random selection) |  |  |  |  |  |
| 9 | Hydro pressure test of **all** ballast spaces surrounding cargo area to main deck level without endangering cargo or ship’s stability |  |  |  |  |  |
| 10 | Engine room bilge high-level alarm test |  |  |  |  |  |
| 11 | Main fire pump on two hydrants test |  |  |  |  |  |
| 12 | Emergency fire pump on two hydrants test |  |  |  |  |  |
| 13 | Black Out Test of Vessel and/or load test of Emergency Generator / Emergency Batteries |  |  |  |  |  |
| 14 | Emergency lighting |  |  |  |  |  |
| 15 | Remote stops & shutdowns |  |  |  |  |  |
| 16 | Quick closing valves |  |  |  |  |  |
| 17 | Remote closing valves |  |  |  |  |  |
| 18 | Check auto-stop or changeover function and associated alarm of the 15ppm Oil Water Separator |  |  |  |  |  |
| 19 | Steering gear |  |  |  |  |  |
| 20 | Emergency steering gear |  |  |  |  |  |
| 21 | Lowering lifeboats |  |  |  |  |  |
| 22 | Running lifeboat engines |  |  |  |  |  |
| 23 | Navigation light failure visual & audible alarms |  |  |  |  |  |
| 24 | BNWAS alarms |  |  |  |  |  |
| 25 | General emergency alarm |  |  |  |  |  |
| 26 | Smoke / Fire alarm |  |  |  |  |  |
| 27 | Self test of DSC radio sets |  |  |  |  |  |
| 28 | Test of emergency communications between bridge / engine room & bridge / steering gear |  |  |  |  |  |
| 29 | Main switchboard earth fault monitoring system |  |  |  |  |  |
| 30 | Cargo heating systems |  |  |  |  |  |
| 31 | Cargo tank high level alarms |  |  |  |  |  |
| 32 | Cargo pump emergency stop |  |  |  |  |  |
| 33 | High temperature alarms for cargo, stripping & ballast pumps |  |  |  |  |  |

### Section 5 – Executive Summary

*(Based on surveyor’s overall impression of the vessel, the surveyor is requested to rate the vessel as per following rating scale)*

|  |
| --- |
| *Condition Rating Scale: 5 = Excellent to 1 = Dangerous* |

|  |  |  |  |
| --- | --- | --- | --- |
| Management / Administration |  | Navigation |  |
| Cargoworthiness |  | Manning / Competence |  |
| Non Cargo Tanks |  | Machinery |  |
| Crew Safety |  | Pollution Prevention |  |
| LSA & FFA |  | Hull |  |

**Section 6 – Surveyor’s Remarks**

*(Please indicate hereunder the surveyor's overall opinion of the vessel and advise on the subjects that give or could give rise to the most concern regarding the operation and safety of crew, vessel and cargo)*

|  |
| --- |
| Name of the Master: |
| Owners’ Representative: |

**Attending Surveyor(s): ………………….................. Date: ……………………….**

**Section 7: CONDITION SURVEY STATUS OF DEFECTS**

(Note that format of defect list is not to be altered other than for adding additional rows if required)

|  |  |  |  |
| --- | --- | --- | --- |
| **Vessel Name** |  | **IMO No.** |  |
| **Port** |  | **Date of Survey** |  |

**Notes:**

1. Leave 1 copy onboard with the Master & attach 1 copy to the Final report.
2. A copy of this form is to be submitted electronically to the Club in “Word” format
3. Add more rows as required.

.

|  |  |  |  |
| --- | --- | --- | --- |
| **NO.** | DEFECTS | REMEDIAL ACTION REQUIRED | Defect Clause Invoked |
|  |  |  | This column only for use by Club |
| 1 |  |  |  |
|  |  |  |  |
| 2 |  |  |  |
|  |  |  |  |
| 3 |  |  |  |
|  |  |  |  |
| 4 |  |  |  |
|  |  |  |  |
| 5 |  |  |  |
|  |  |  |  |
| 6 |  |  |  |
|  |  |  |  |
| 7 |  |  |  |

1. All outstanding tests and inspections are to be listed below not as defects

|  |  |
| --- | --- |
| **NO.** | OUTSTANDING TESTS / INSPECTIONS UPON COMPLETION OF SURVEY |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
|  |  |
|  |  |