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| --- |
| SHAKEDOWN CHECKLIST |

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| SECTION 1 – GENERAL INFORMATION |

|  |  |
| --- | --- |
| **N****ame of the Ship** |  |
| **IMO Number** |  |
| **Flag / Port of Registry** |  |
| **Classification Society** |  |
| **P&I Club** |  |
| **Confirm that US $1 Billion Pollution Liability Cover is in place with the P&I club identified above** | **(Yes/No)** |
| **If ‘NO’, please state Pollution Liability Cover amount and name of insurer:** |  |
| **Maker/Model of Electronic Chart Display and Information System (ECDIS)** |  |
| **Primary means of navigation** |  |
| **Secondary means of navigation** |  |
| **Backup (MSC 1 Circ 1496) stipulated in Safety equipment certificate form E** |  |
| **Delivery Date (New Build)** |  |
| **Handover to new managers (Takeover of existing vessel)** |  |
| **Technical Manager** |  |
| **DOC Company** |  |
| **Company IMO Number** |  |
| **Commercial Operator** |  |
| **Registered Owner** |  |

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| --- |
| SECTION 2 – DECLARATION |

1. **DRILLS**

|  |  |
| --- | --- |
| **Date of the drills as per SOLAS, carried out satisfactorily following delivery / change of management** |  |
| **If ‘NO’, please state reasons:** | |

**2. SOLAS CHART/PUBLICATION**

|  |  |
| --- | --- |
| **Charts and nautical publications required by SOLAS are corrected to latest available Notices to Mariners** | **(Yes/No)** |
| **If ‘NO’, please state reasons:** | |

**3. MANAGEMENT OF CHANGE (MOC)**

|  |  |
| --- | --- |
| **MOC for new delivery / change of managers carried out and completed satisfactorily.** | **(Yes/No)** |
| **If ‘YES’ (Kindly furnish a copy for our review and records):** | |
| **If ‘NO’, please state reasons:** | |

**4. VESSEL INFORMATION UPDATE**

|  |  |
| --- | --- |
| **Has the vessel undergone any major hull or type of vessel conversion?** | **(Yes/No)** |
| **Date of conversion** |  |
| **If ‘YES’, please give details:** | |

|  |  |
| --- | --- |
| **5. INFORMATION UPDATE** | **(Yes/No)** |
| **HVPQ to OCIMF** |  |
| **Lloyd’s Fairplay (IHS)** |  |
| **Online Crew Matrix** |  |

**6. PERSON-IN-CHARGE**

|  |  |
| --- | --- |
| **Name** |  |
| **Designation** |  |
| **Address** |  |
| **Telephone** |  |
| **Fax** |  |
| **Email** |  |

**7. WARRANTED CORRECT BY**

|  |  |
| --- | --- |
| **Name and position Held** |  |
| **Company Name** |  |

|  |
| --- |
| SECTION 3 – POST DELIVERY CHECKLIST |

|  |  |
| --- | --- |
| **Vessel Name** |  |
| **IMO Number** |  |
| **Delivery Date** |  |
| **Date start of Check List** |  |
| **Date completed Check List** |  |

|  |  |
| --- | --- |
| **The following activities are to be undertaken:** | **Yes/No/Na** |
| Testing of ships fire detection system – ensure there are no delays between activation and the bells sounding |  |
| Confirm the automatic door release mechanisms operational on fire doors where fitted |  |
| Carry out an emergency muster and a boat muster – statutory requirement within 24 hours of taking over. |  |
| Run the emergency fire pump, charge one hose and prove system operational |  |
| Run the accommodation at-will hoses and prove good if applicable |  |
| Check that the main engine room fixed fire extinguishing system is on automatic and ready to release whether it be CO2, flexi fog etc. |  |
| Check the foam tank and fire valves are correctly set |  |
| Check the local firefighting capability for generators etc. is in operational readiness in auto. |  |
| Confirm location of the bilge injection valve and label accordingly |  |
| Run the emergency generator on auto start and confirm it takes load |  |

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| SECTION 4 – PRE-DEPARTURE SHIP EQUIPMENT CHECKLIST |

**1. MAIN POWER UNIT**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Fuel Oil System - Is the system functioning normally and maintaining fuel temperature within normal range |  |
|  | Fuel Oil System - Is system pressure maintained within normal range during engine operation and stand still conditions |  |
|  | LO Pressure Satisfactory; Press = \_\_\_\_\_\_\_ MPa |  |
|  | FW Cooling Systems Satisfactory; Press= \_\_\_\_\_\_ MPa |  |
|  | Main engine air compressors operational and satisfactory : \_\_\_ Nos |  |
|  | Main engine air start system leak free |  |
|  | Main engine control air system leak free |  |

**2. MAIN POWER UNIT (GENERAL)**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Engine Manoeuvring System Satisfactory |  |
|  | Commissioning letter received confirming NCR/MCR conditions |  |
|  | Stern tube system oil levels normal and sealing arrangement leak free |  |
|  | M/E Alarms & Trips tested and working satisfactorily |  |
|  | Aux blowers operating normally |  |
|  | Control air compressors satisfactory (Check cut in/out frequency) |  |
|  | Turning Gear interlock function test |  |
|  | First Start Arrangement satisfactory |  |
|  | Test all starting arrangements for Emergency genset |  |

**3. STEAM PLANT**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Integrity of Steam system satisfactory (list defects) |  |
|  | Integrity of Feed system satisfactory (list defects) |  |
|  | Feed water regulators functioning normally |  |
|  | Water level indicators satisfactory |  |
|  | Control Equipment Satisfactory: |  |
|  | * Flame failure alarms and trips |  |
|  | * Low and High water level alarms and trips operating satisfactorily |  |
|  | * Burner operation satisfactory |  |
|  | * Integrity of Fuel system satisfactory (list defects) |  |
|  | * Manual fuel trips tested and satisfactory |  |
|  | * FO pump remote stops operating |  |
|  | * FD fan remote stops operating |  |
|  | FD Fans Operating Satisfactorily |  |
|  | Boiler casings free from gas leaks (list defects) |  |
|  | Test fire boiler in all operating modes |  |

**4. DISTILLING PLANT**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Plant working satisfactorily and producing rated output |  |
|  | Water meters operative |  |
|  | Adequate distilled and fresh water reserves on board on sailing |  |

**5. HULL OPENINGS**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | All shipside valves opening and closing freely |  |

**6. MOORING AND LIFTING EQUIPMENT**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Windlass and attachments in good order – Raise / Lower anchors |  |
|  | Deck winches in good working order |  |
|  | Engine room cranes operating satisfactorily |  |
|  | Stores cranes operating satisfactorily |  |
|  | Cargo hose davit/crane operating satisfactorily |  |

**7. ELETRICAL SUPPLY**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Switchboard meters operating satisfactorily |  |
|  | All AVRs operating |  |
|  | Reverse power trips operational and tested |  |
|  | Generators’ Overspeed trips operational and tested |  |
|  | Governor controls operational and tested |  |
|  | Alternators operating in parallel – operate satisfactorily |  |
|  | Power Management System fully operational |  |
|  | All alarms and trips tested and satisfactory – switchboard |  |
|  | Blackout Test |  |
|  | Preference and overcurrent alarms and trips |  |
|  | Sequential starts operating normally |  |
|  | All lighting tested / Navigation / Signal / Flood / External Accommodation |  |
|  | Insulation levels 5M ohms or on all section board Meters |  |
|  | Emergency batteries secure for GMDSS/UPS systems & lifeboat. |  |

**8. NAVIGATIONAL EQUIPMENT**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | All equipment’s and associated systems operating satisfactorily |  |
|  | Steering gear changeover, emergency arrangements, communications and alarms tested and satisfactory, procedure in place. |  |
|  | Whistles and controls operating satisfactorily |  |
|  | Radar/ARPA/ECDIS fully operational – shadow diagrams posted |  |
|  | Gyro compasses satisfactory |  |
|  | Magnetic Compass satisfactory – Compass deviation card posted |  |
|  | Doppler / Electro-magnetic Log satisfactory |  |
|  | Echo Sounder satisfactory and both transducers operational |  |
|  | GPS receivers displaying correct position |  |
|  | SSAS unit switched on and CSO informed |  |
|  | GMDSS equipment satisfactory |  |
|  | Engine Order Recorder operating satisfactorily |  |
|  | VDR switched on at delivery and operational |  |
|  | AIS system switched on an operational |  |
|  | Miscellaneous Instruments operating satisfactorily, weather fax, rudder angle indicator, wind anemometer, etc. |  |
|  | Check operation of ships PA system |  |
|  | Check operation of master clock |  |
|  | Check operation of bridge window wipers |  |
|  | VHF self-test |  |

**9. MISCELLANEOUS**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Incinerator operating satisfactorily |  |
|  | Function test of Inert Gas System, inert gas to be vented to deck for 30 minutes with less than 5% O2 produced. This test to be run in conjunction with function test |  |
|  | **COT IG pressure, CHECK THERE ARE NO BLANKS BY:** |  |
|  | Operation satisfactory (O2 & dew point values ok) |  |
|  | Alarms & Trips   * Scrubber cooling water no flow trip * Flame fail |  |
|  | Sewage treatment plant on line and operating satisfactorily |  |
|  | Bilge system tested internally |  |
|  | OWS – function test of 3-way valve and alarm proven |  |
|  | F.O & L.O purifier plant in operation and operating in required temperature range without problem |  |
|  | General cleanliness of machinery spaces, power plant and auxiliary machinery satisfactory |  |
|  | Bilge Injection valve opened and closed |  |
|  | Gas Detection system on and operational, at least one sensor to be tested |  |

**10. GALLEY SAFETY EQUIPMENT**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Cold Chambers Alarm tested and temperature satisfactory |  |
|  | Portable Fire Extinguisher in place |  |
|  | Fire Blanket Fitted |  |

**11. GALLEY ELECTRICAL APPLIANCES – FUCNTION TEST**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Main Range |  |
|  | Baker’s Oven |  |
|  | Combination Oven |  |
|  | Dough Mixing Machine |  |
|  | Microwave Oven (Test Door Seal For Leakage) |  |
|  | Dish Washing Machine |  |
|  | Potato Peeling Machine |  |
|  | Waste Disposal Unit |  |
|  | Refrigerator |  |
|  | Deep Freeze Unit |  |
|  | Water Boilers |  |
|  | Galley Air Conditioning Unit (dedicated unit) |  |
|  | Supply Fans |  |
|  | Exhaust Fans |  |

**12. GALLEY FITTINGS**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Doors and Drawers on All Fitted Units Operate Correctly |  |
|  | Anti-roll Bars on Main Range Fit Correctly |  |
|  | Scupper Covers Fit Correctly |  |

**13. ACCOMMODATION**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | All Fixed Fittings in Place |  |
|  | Sanitary Extraction Fan Effective |  |
|  | Lifejacket |  |
|  | ELSA / EEBD Set |  |

**14. LAUNDRY ROOMS**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Washing Machines – Function Test |  |
|  | Drying Machines – Function Test |  |
|  | Portable Laundry Equipment Supplied |  |
|  | Lighting |  |
|  | Deck Covering |  |
|  | Room Heater (Drying Room) – (function test) |  |

**15. SAFETY EQUIPMENT**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Fire detection system proven and random heads tested – no delays on bells |  |
|  | Emergency fire pump satisfactory in ballast condition |  |
|  | Deluge system tested |  |
|  | Fan dampers/flaps satisfactory |  |
|  | Fixed Fire Fighting Installations inspected / tested where appropriate and left enabled (including paint locker), Keys placed in boxes next to cabinets, leaded seals intact |  |
|  | * Dry powder |  |
|  | * Foam |  |
|  | * Watermist |  |
|  | CABA compressor operation proven and cylinders charged, oil filled and air filter fitted prior to charging bottles |  |
|  | Lifeboat tested in-water |  |
|  | Rescue boat tested in-water |  |
|  | Local Procedure in place for lifeboat/rescue boat deployment |  |
|  | Fire Hydrants and Hoses satisfactory |  |
|  | All other fire-fighting and LSA equipment proved and deployed |  |
|  | Accommodation fire-fighting system satisfactory |  |
|  | Fire extinguishers satisfactory, including spares |  |
|  | Emergency stop switches tested satisfactory |  |
|  | Emergency shut off valves tested satisfactory |  |
|  | Fan interlocks proven |  |
|  | Padlocks to be removed from all safety gear stowage boxes |  |
|  | Rescue Boat fuel tank filled (Petrol & 2 stroke Oil supplied as applicable) |  |
|  | Lifeboat fuel level checked and air cylinders fully charged |  |
|  | Foam level satisfactory in Foam tank |  |
|  | CABA & EEBD cylinders fully charged |  |

**16. OWNERS SUPPLY OUTFIT**

|  |  |
| --- | --- |
|  | BA Compressor: |
|  | Cooling water chemical dosing system: |
|  | Boiler soot dosing system: |
|  | Galley outfit: |
|  | Laundry outfit : |
|  | Electrical outfit |
|  | Deck outfit : |
|  | Machinery Outfit: |

**17. SHIPYARD SUPPLY SPARE PARTS AND SPECIAL TOOLS**

|  |  |  |
| --- | --- | --- |
| **Date of Test** | **Items** | **Yes/No/Na** |
|  | Check all tools in place on Main Engine tool boards |  |
|  | Confirm that all outfit spares boxes contents have been checked off. |  |

|  |  |  |
| --- | --- | --- |
| **Section Sign Off** | | **Date:** |
| **Name / Rank (Print) :** |  | |
| **Signature:** |  | |