



# Pre-Purchase Survey Checklist

Marine Inspection Checklist | <https://marineinspection.app/>

Inspector Name		Date		Signature	
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## Accommodation / Galley

Inspection Item	Note	Good	Repair	Replace	NA
Galley & mess room overall condition and cleaning less		■	■	■	■
Sufficient cabins for crew members		■	■	■	■

## Ballast Tanks Inspection

Inspection Item	Note	Good	Repair	Replace	NA
Check for loose rust and flakes. Evaluate corrosion		■	■	■	■
Condition of cut outs and flange edges for thinned down steel structure		■	■	■	■
Estimate weight of steel renewals for forthcoming survey		■	■	■	■
Overall Condition of anodes,if any. (%) Found evidence that anodes are working		■	■	■	■
Overall Condition of coating. (%)		■	■	■	■
Overall condition of steel structure. Record type of corrosion:Pitting, general, edge		■	■	■	■

## Cargo Gear

Inspection Item	Note	Good	Repair	Replace	NA
Boom found free from indentations, rust, dubbers, corrosion.		■	■	■	■
Drums, rollers found greased free from rust		■	■	■	■
Operators cabin found in good condition. All controls found in good condition		■	■	■	■
Pedestals inspected found in good condition		■	■	■	■
Record cargo gear details (No, SWL, maker, type, etc.)		■	■	■	■
Wire ropes found greased free from brake ups and bird cages		■	■	■	■

## Cargo Hold Inspection

Inspection Item	Note	Good	Repair	Replace	NA
Cargo hold bilges found free residues		■	■	■	■
Check for corrosion i.w.o lower part of Bhs in connection with tank top		■	■	■	■
Check for visible sings of any leaks from TST, DBT, Side shell, Bhds.		■	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Condition of tank top plating. (Corrosion,Pitting, large deformed areas, signs of leaks)		■	■	■	■
Estimate weight of steel renewals for forthcoming survey		■	■	■	■
Evaluate structure of Bhds. Pitting intensity&depth,, deformations, grooving		■	■	■	■
Evaluate under deck structure		■	■	■	■
Evaluated number and depth of grab deformation i.w.o tank top		■	■	■	■
Over condition of cargo hold coatings (%). Are there paint flakes visible?		■	■	■	■
Over condition of cargo hold structure. Loose or hard rust is evident?		■	■	■	■
Record number of deformed side shell frames		■	■	■	■
Record side shell frames pitting intensity. (Estimate percentage pitting intensity)		■	■	■	■
Side shell frames found free from grooving i.w.o side shell		■	■	■	■

### ***Classification Documents***

Inspection Item	Note	Good	Repair	Replace	NA
Check Cargo Gear Book. Last/Next: Annual, Five year & Load test. (Record load)		■	■	■	■
Copy of all Trading and Class certificates. (Note: Issue, expiry date, endorsements.)		■	■	■	■
Copy of BC Code Certificate.		■	■	■	■
Copy of Certificate for Danger goods Appendix B. (Make copy of list of cargos)		■	■	■	■
Copy of Latest Class Survey Status. (Next/last: Dry dock, shaft, Renewal, Intermediate)		■	■	■	■
Make list: Condition of classes, deficiencies and Memorandums		■	■	■	■
Review last class renewal Thickness Measurement report.		■	■	■	■
Review survey statements for prior damages and repairs. Make copies		■	■	■	■

### ***Deck Inspection***

Inspection Item	Note	Good	Repair	Replace	NA
Assess condition of bosun store deck or must houses decks, if any		■	■	■	■
Check for pitting and welding seams grooving overall corrosion		■	■	■	■
Evaluate overall Condition of coating. (Good, Fair, Poor)		■	■	■	■
Evaluate quantity of bosuns stores items		■	■	■	■
Found free of cracks iwo bulwark brackets and deck		■	■	■	■
Found free of cracks iwo winch foundations		■	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Hammer test cross decks		■	■	■	■
Plating found free from deformations		■	■	■	■

### **Documentation / Bridge**

Inspection Item	Note	Good	Repair	Replace	NA
Arrival Reports (2 Ballast + 2 Loaded condition)		■	■	■	■
Copy of Deck Log book (2 Ballast + 2 Loaded Condition)		■	■	■	■
General Particulars		■	■	■	■
List of cargo manifold Reducers (Tankers)		■	■	■	■
List of deck equipment		■	■	■	■
List of last Port state control inspections		■	■	■	■
List of mooring ropes with material (Tankers )		■	■	■	■
List of navigation equipment		■	■	■	■
List of Port State Control detentions . Copy of these reports with deficiency list		■	■	■	■
List of Safety equipment items expiry date. (SART,life rafts, life boat equipment,etch)		■	■	■	■
Record: Speed, Consumption, Wind, Sea, Ballast/Load condition, From/To		■	■	■	■
Time Charter Description (if available on board)		■	■	■	■
Time Charter Description (if available on board)		■	■	■	■

### **Documentation / Engine Room**

Inspection Item	Note	Good	Repair	Replace	NA
Check/Record number of diesel generators operating at Sea and at Port		■	■	■	■
Copy of Engine Room Log Book (2 Ballast + 2 Loaded conditions+at port)		■	■	■	■
Details of Cargo Pump (Maker, Type, Capacity, etc.)		■	■	■	■
Details of Main Air Compressors (Maker, Type, Power, Pressure, etc.)		■	■	■	■
Details of Main Engine (Maker, Type, Power, Bore, Stroke, Fuel, etc)		■	■	■	■
List of Machinery items		■	■	■	■
List of major spare parts		■	■	■	■
Record consumptions (FO,DO,cylinder oil, etc.)		■	■	■	■
Review last class renewal Thickness Measurement report.		■	■	■	■
Running Hours since last overhaul for critical machinery (M.E,DGs,Air Comp, etc.)		■	■	■	■

### **Engine Room**

Inspection Item	Note	Good	Repair	Replace	NA
Abnormal noise was not observed in E/R		■	■	■	■
As far as possible see if oil mist detector is working		■	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Automatic closing devices for soundings in position.		■	■	■	■
Bilges found dry, free from oil residues		■	■	■	■
Condition of cables. Visual check connections in control panel		■	■	■	■
E/R panels bolted in position.		■	■	■	■
E/R roof free from dark combustion by products.		■	■	■	■
Hot well free from oil or residues		■	■	■	■
Observe evidence of disconnected sensors , if any.		■	■	■	■
Overall E/R cleaning-less		■	■	■	■
Photograph/Record E/R machinery tag plates (type, maker, etc)		■	■	■	■
Pipings free from leaks and fastening clips		■	■	■	■
Record Insulation resistance meter indication in control room		■	■	■	■
Record major spare parts (Cylinder covers, piston crowns, exhaust valves, tail shaft, etc )		■	■	■	■
Record number of working D/Gs in port. See if cranes are working		■	■	■	■
Record temperatures and pressures for D/Gs in operation		■	■	■	■
See print outs of alarm printer for abnormal		■	■	■	■
Visual check M.E T/C oil level and cleaning-less		■	■	■	■

### ***Hatch Cover / Hatch Coaming***

Inspection Item	Note	Good	Repair	Replace	NA
Assess hatch coaming plating, both deck & hold sides (Pitting, grooving, corrosion)		■	■	■	■
Cement loading holes are evident or not		■	■	■	■
Cleats in good condition. can be moved freely, free from rust		■	■	■	■
Compression bar found free from deformations. Record material type		■	■	■	■
Evaluate condition of rubber channel. (Thinned down edges, free from rust)		■	■	■	■
Evaluate depth of hatch cover rubber packing imprint		■	■	■	■
Hatch coaming brackets found free for cracks in connection with main deck		■	■	■	■
Hatch cover plating condition and internal structure found satisfactory		■	■	■	■
Hatch cover rollers can be moved freely		■	■	■	■
Hydraulic oil leaks i.w.o hatch cover mechanism not found		■	■	■	■
Inspect transverse rubber packing, channel, compression bars i.w.o hatch coaming		■	■	■	■

### ***Load Line Items***

Inspection Item	Note	Good	Repair	Replace	NA
Air vents found complete. Supporting pipe in good condition		■	■	■	■
Small hatches found free from rust with rubber and good rubber channels		■	■	■	■
Ventilators /Fire dumpers can be moved freely		■	■	■	■

### ***Navigation Bridge***

Inspection Item	Note	Good	Repair	Replace	NA
General condition of navigation bridge and equipment		■	■	■	■
Record navigation bridge equipment		■	■	■	■

### ***Safety Equipment***

Inspection Item	Note	Good	Repair	Replace	NA
Fire hoses in good condition with nozzle and key		■	■	■	■
Life boat davids free from rust, in good condition		■	■	■	■
Life boats free from any visible damage, cracks, deformations		■	■	■	■
Movable parts, rollers and wires of davids greased in good condition		■	■	■	■
Over condition of emergency D/G found satisfactory. Function test, if possible		■	■	■	■
Over condition of emergency fire pump found satisfactory. Function test, if possible		■	■	■	■
Overall condition of hydrants. No leaks were evident		■	■	■	■