

Survey Drawing Requirement	General Description	Specific information to be shown
General		
Lines Plan	Details of hull shape	The line plan is the most basic drawing of a ship, showing its general form of the vessel separated in equal section which are shown in profile, body & plan view.
General Arrangement	General layout of the vessel	The general arrangement shows the layout of the vessel, No of decks; layout of each deck; cabins, walkways, doorways, stairs; compartments; watertight compartments; watertight bulkheads; cargo holds; main engine layout; water tanks, fuel tanks; ventilation; control stations; deck equipment
Structural Drawings		
Profile section	Outboard and centerline structure	The outboard profile shows details of all structures attached to the side shell- frames, stiffeners, bulkheads etc. and the way they are attached to each other. The Centerline profile shows details of all structures on or passing through the centerline of the vessel which includes: keel, centerline girders, beams, transverse bulkheads, longitudinal bulkheads, floors, deck plates, beams etc.
Transverse/ Typical sections details	Typical frames and bulkhead details.	Typical (where similar) or all frames and bulkheads. The frames shall be fitted with a number that corresponds to the positions of the frames shown on the bottom & deck plan and profile drawing.
Bottom & Deck plan	Shows all the structural members attached to the deck or bottom plating.	Shows positions and description of all bulkheads, girders, transverse & longitudinal frames, beams, girders, stringers etc.

Machinery drawings		
Engine bed	Details of girders for main and auxiliary engines	Girder location, height & construction material, position of engine mounts, bolting arrangements etc.
Shafting & Stern Tube	Shafting & Stern Tube Detail	Shows size and material details for shaft, bearings, seals, coupling, shaft brackets, retaining nuts etc.
Ruder & Steering Gear		Details of the ruder type, size and construction, ruder stock size and material, ruder tube construction, bearings & seals, emergency steering provisions, main steering gear equipment etc.
Systems		
Bilge	Bilge system schematic	Details of the bilge pumps capacities and power source, bilge pickups, pipe work size & material, valves, drains, overboard discharge etc.
Ballast	Ballast system schematic	Details of the ballast pump capacities & associate pipe work including valves, pickups, pipe work size & material, strainers, ballast tank etc.
Fuel	Fuel System Schematic	Details of pipe work from fuel tank to machinery, including pipe size & material, valves, pumps, spill trays, fuel tanks etc.
Machinery Cooling	Cooling System Schematic	Detail of engine cooling arrangement.
Electrical	Electrical system schematic	Drawing of electrical equipment including wiring, protection devises, batteries etc.
Fire	Fire System Schematic	Details of fire pumps (location, capacities and power source), piping size & material, valves, hydrants, hoses, fixed fire systems etc.
Other		