

Annex 1: Hardware – Standard Classification Coding

The Standard Classification Coding is widely used in the industry to identify vessel components, for example, in planned maintenance and purchasing systems.

The SOC must be identified with one of the Level 3 Descriptions.

Level 1 Description	Level 2 Description	Level 3 Description
SHIP GENERAL	Ship General	Ship General
SHIP GENERAL	Vessel Certification	Special Survey
SHIP GENERAL	Consumable Items	Miscellaneous Consumable Items
HULL	Hull	
HULL	Tanks	Cofferdams, Voids and Misc Tanks
HULL	Tanks	Engine Room Tanks
HULL	Tanks	Cargo And Ballast Tanks
HULL	Accommodation Block	Accommodation Block
HULL	Accommodation Block	Doors And Windows
HULL	Accommodation Block	Internal Fixtures And Fittings
HULL	Hull Outfitting	External Handrails And Ladders
HULL	Hull Outfitting	Hull Fittings
HULL	Hull Outfitting	External Lifting Equipment
HULL	Hull Outfitting	Funnel Space
HULL	Material Protection - External	
HULL	Sea Water System - Antifouling	
EQUIPMENT FOR CARGO	Discharging Systems	
EQUIPMENT FOR CARGO	Gas/Vent. Systems - Cargo Holds & Tanks	Vent/Gas Freeing Systems
EQUIPMENT FOR CARGO	Gas/Vent. Systems - Cargo Holds & Tanks	Cargo System Protection Devices
EQUIPMENT FOR CARGO	Gas/Vent. Systems - Cargo Holds & Tanks	Inert Gas Systems
EQUIPMENT FOR CARGO	Auxiliary Systems & Equipment - Cargo	Cargo System Instrumentation
EQUIPMENT FOR CARGO	Auxiliary Systems & Equipment - Cargo	Cooling Water Systems For Cargo Eq.
SHIP EQUIPMENT	Manoeuvring Equipment	Rudder
SHIP EQUIPMENT	Manoeuvring Equipment	Rudder Carriers, Stocks, Bearings
SHIP EQUIPMENT	Manoeuvring Equipment	Steering Gear
SHIP EQUIPMENT	Manoeuvring Equipment	Thruster
SHIP EQUIPMENT	Navigation Equipment	Radar Plants
SHIP EQUIPMENT	Navigation Equipment	Positioning Data Equipment
SHIP EQUIPMENT	Navigation Equipment	Gyro Plants, Autopilots, Compasses
SHIP EQUIPMENT	Navigation Equipment	Echo Sounders And Logs
SHIP EQUIPMENT	Navigation Equipment	Trim & Load Indicators
SHIP EQUIPMENT	Navigation Equipment	Misc Nautical Equipment
SHIP EQUIPMENT	Navigation Equipment	Masts
SHIP EQUIPMENT	Navigation Equipment	Integrated Navigation Systems
SHIP EQUIPMENT	Communication Equipment	Mf/Hf Inc Gmdss
SHIP EQUIPMENT	Communication Equipment	Lifeboat Communication Equipment
SHIP EQUIPMENT	Communication Equipment	External Communication / Sat Comms
SHIP EQUIPMENT	Communication Equipment	Vhf/Uhf Telephones
SHIP EQUIPMENT	Communication Equipment	Internal Communication Systems
SHIP EQUIPMENT	Communication Equipment	Light, Sound & Signal Equipment
SHIP EQUIPMENT	Anchoring, Mooring & Towing Equipment	Anchors And Chains
SHIP EQUIPMENT	Anchoring, Mooring & Towing Equipment	Windlasses And Winches
SHIP EQUIPMENT	Anchoring, Mooring & Towing Equipment	Fixed Mooring Equipment
SHIP EQUIPMENT	Anchoring, Mooring & Towing Equipment	Towing Equipment
SHIP EQUIPMENT	Workshop Equipment	E/R Tools And Welding Equipment
SHIP EQUIPMENT	Workshop Equipment	Portable Tools & Equipment
SHIP EQUIPMENT	Workshop Equipment	Painting Equipment
SHIP EQUIPMENT	Workshop Equipment	Cleaning Plant / Equipment
SHIP EQUIPMENT	Workshop Equipment	Garbage Disposal Plants / Incinerators
SHIP EQUIPMENT	Lifting & Transport Equipment	Lifting Equipment - Machinery Spaces
SHIP EQUIPMENT	Special Equipment	Condition Monitoring Equipment
SHIP EQUIPMENT	Special Equipment	Vibration Cancellation Equipment
SHIP EQUIPMENT	Special Equipment	Citadel
SHIP EQUIPMENT	Special Equipment	Environmental Protection Equipment

EQUIPMENT FOR CREW AND PASSENGERS	Lifesaving, Protection & Medical Equip	Safety Training
EQUIPMENT FOR CREW AND PASSENGERS	Lifesaving, Protection & Medical Equip	Lifeboats & Equipment
EQUIPMENT FOR CREW AND PASSENGERS	Lifesaving, Protection & Medical Equip	Liferafts & Equipment
EQUIPMENT FOR CREW AND PASSENGERS	Lifesaving, Protection & Medical Equip	Lifesaving, Safety & Emergency Equipment
EQUIPMENT FOR CREW AND PASSENGERS	Lifesaving, Protection & Medical Equip	Medical Equipment
EQUIPMENT FOR CREW AND PASSENGERS	Sports / Entertainment Equipment	
EQUIPMENT FOR CREW AND PASSENGERS	Galley/Pantry Eq, Prov Plants, Laundry	Galley Equipment
EQUIPMENT FOR CREW AND PASSENGERS	Galley/Pantry Eq, Prov Plants, Laundry	Freezing/Refrig Systems - Provisions
EQUIPMENT FOR CREW AND PASSENGERS	Galley/Pantry Eq, Prov Plants, Laundry	Laundry, Ironing & Drying Equipment
EQUIPMENT FOR CREW AND PASSENGERS	Transport Equip - Crew & Prov	Personnel Lifts
EQUIPMENT FOR CREW AND PASSENGERS	Transport Equip - Crew & Prov	Helipad And Associated Equipment
EQUIPMENT FOR CREW AND PASSENGERS	Ventilation, A/C & Heating Systems	Air-Conditioning Systems
EQUIPMENT FOR CREW AND PASSENGERS	Ventilation, A/C & Heating Systems	Fans - Machinery Spaces
EQUIPMENT FOR CREW AND PASSENGERS	Ventilation, A/C & Heating Systems	Fans - Other Spaces
EQUIPMENT FOR CREW AND PASSENGERS	Fresh Water And Sanitary Systems	Fresh Water Supply Systems
EQUIPMENT FOR CREW AND PASSENGERS	Fresh Water And Sanitary Systems	Sanitary Systems
EQUIPMENT FOR CREW AND PASSENGERS	Fresh Water And Sanitary Systems	Bathroom Fixtures & Fittings
MACHINERY MAIN COMPONENTS	Diesel Engines For Propulsion	
MACHINERY MAIN COMPONENTS	Shafting / Propellers	Hydraulic Coupling
MACHINERY MAIN COMPONENTS	Shafting / Propellers	Shafting / Propellers
MACHINERY MAIN COMPONENTS	Boilers, Steam & Gas Generators	Auxiliary Boilers
MACHINERY MAIN COMPONENTS	Boilers, Steam & Gas Generators	Exhaust Gas Boilers
MACHINERY MAIN COMPONENTS	Main Electricity Power Production	Diesel Generators
MACHINERY MAIN COMPONENTS	Other Generators	
SYSTEMS FOR MACHINERY MAIN COMPONENT	Fuel Systems	Fuel General
SYSTEMS FOR MACHINERY MAIN COMPONENT	Fuel Systems	Fuel Oil Transfer Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Fuel Systems	Fuel Oil Purification Plants
SYSTEMS FOR MACHINERY MAIN COMPONENT	Fuel Systems	Fuel Oil Supply Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Fuel Systems	Fuel Gas System
SYSTEMS FOR MACHINERY MAIN COMPONENT	Lube Oil Systems	Lube Oil General
SYSTEMS FOR MACHINERY MAIN COMPONENT	Lube Oil Systems	Lube Oil Transfer Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Lube Oil Systems	Lube Oil Purification Plants
SYSTEMS FOR MACHINERY MAIN COMPONENT	Lube Oil Systems	Lube Oil Systems - Propulsion Machinery
SYSTEMS FOR MACHINERY MAIN COMPONENT	Cooling Systems	Sea Water Cooling Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Cooling Systems	Fresh Water Cooling Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Compressed Air Systems	Starting Air Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Compressed Air Systems	Low Pressure Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Compressed Air Systems	Nitrogen Generation Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Exhaust Systems	Exhaust Gas Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Steam, Condensate & Feed Water Systems	Chemical Dosing Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Steam, Condensate & Feed Water Systems	Steam Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Steam, Condensate & Feed Water Systems	Condensate Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Steam, Condensate & Feed Water Systems	Feed Water Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Fresh Water Production	
SYSTEMS FOR MACHINERY MAIN COMPONENT	Automation Systems	Integrated Automation System (Ias)
SYSTEMS FOR MACHINERY MAIN COMPONENT	Automation Systems	Automation Equipment - Alarm Systems
SYSTEMS FOR MACHINERY MAIN COMPONENT	Automation Systems	Automation Equipment - Propulsion
SYSTEMS FOR MACHINERY MAIN COMPONENT	Automation Systems	Automation Equipment - Boilers
SYSTEMS FOR MACHINERY MAIN COMPONENT	Automation Systems	Automation Equipment - Power Generation
SYSTEMS FOR MACHINERY MAIN COMPONENT	Automation Systems	Control Valves
SYSTEMS FOR MACHINERY MAIN COMPONENT	Automation Systems	Automation Equipment - Other Machinery

SHIP COMMON SYSTEMS	Ballast / Bilge System	Ballast System
SHIP COMMON SYSTEMS	Ballast / Bilge System	Bilge Systems
SHIP COMMON SYSTEMS	Ballast / Bilge System	Condensate Drain System
SHIP COMMON SYSTEMS	Fire / Lifeboat Alarm & Fire Fighting	Loose Firefighting Equipment & Clothing
SHIP COMMON SYSTEMS	Fire / Lifeboat Alarm & Fire Fighting	Fire Detect, Fire & L/Boat Alarm Systems
SHIP COMMON SYSTEMS	Fire / Lifeboat Alarm & Fire Fighting	Emergency Shutdown System
SHIP COMMON SYSTEMS	Fire / Lifeboat Alarm & Fire Fighting	Fire/W.Down/Sprinkler Sys & Em Fire Pump
SHIP COMMON SYSTEMS	Fire / Lifeboat Alarm & Fire Fighting	Fire Fighting System - Co2
SHIP COMMON SYSTEMS	Fire / Lifeboat Alarm & Fire Fighting	Fire Fighting Systems - Foam
SHIP COMMON SYSTEMS	Fire / Lifeboat Alarm & Fire Fighting	Fire Fighting Systems - Dry Powder
SHIP COMMON SYSTEMS	IT Computer Systems	Surveillance Equipment
SHIP COMMON SYSTEMS	IT Computer Systems	Common Computer Systems
SHIP COMMON SYSTEMS	Electric Power Supply	Auto Voltage Regulator (A.V.R.)
SHIP COMMON SYSTEMS	Electric Power Supply	Transformers
SHIP COMMON SYSTEMS	Electric Power Supply	Batteries & Chargers
SHIP COMMON SYSTEMS	Electric Power Supply	Rectifiers & Converters
SHIP COMMON SYSTEMS	Electric Power Supply	Shore Supply System
SHIP COMMON SYSTEMS	Common Electric Distribution Systems	Common Electric Distribution Systems
SHIP COMMON SYSTEMS	Common Electric Distribution Systems	Switchboards
SHIP COMMON SYSTEMS	Common Electric Distribution Systems	Emergency Switchboards
SHIP COMMON SYSTEMS	Common Electric Distribution Systems	Starters
SHIP COMMON SYSTEMS	Common Electric Distribution Systems	Distribution Panels & Boards
SHIP COMMON SYSTEMS	Electric Cable Installation	
SHIP COMMON SYSTEMS	Lighting	Lighting - Machinery Spaces
SHIP COMMON SYSTEMS	Lighting	Lighting - Accommodation
SHIP COMMON SYSTEMS	Lighting	Lighting - Deck
SHIP COMMON SYSTEMS	Lighting	Emergency Lighting
SHIP COMMON SYSTEMS	Lighting	Electric Motors
CONSUMABLES	CONSUMABLES	LUBRICANTS
CONSUMABLES	CONSUMABLES	PAINTS
CONSUMABLES	CONSUMABLES	CHEMICALS
CONSUMABLES	CONSUMABLES	SAFETY
CONSUMABLES	CONSUMABLES	MEDICINE
CONSUMABLES	LOOSE LIFTING EQUIPMENT	LOOSE LIFTING EQUIPMENT