

Appendix E: System Application Codes

ARH00 Air Handling (General)

- ARH10 Air Systems Combustion
- ARH20 Charge Air/scavenging Air Systems
- ARH30 Ship's Service Compressed Air Systems
- ARH40 Control Air Systems
- ARH50 Starting Air Systems
- ARH60 Vacuum/air Removing Systems
- ARH70 Engine Room Ventilation Systems

AUT00 Automation and Remote Control Systems (General)

- AUT10 Throttle Control Systems
- AUT20 Boiler Combustion Control Systems
- AUT30 Boiler Feed Water/drum Level Control Systems
- AUT40 Remote Temperature Detection and Alarm Systems
- AUT50 Remote Level Detection and Alarm Systems
- AUT60 Remote Valve Operating and Position Systems
- AUT70 Remote Equipment Start-up/shut-down Systems
- AUT80 Ship's Service Generator Synchronization Systems

CGO00 Cargo Gear and Handling (General)

- CGO10 Masts/booms/kingposts/rigging
- CGO20 Winches
- CGO30 Cranes
- CGO40 Cargo Conveyors/elevators
- CGO50 Hatch Covers/sideports/stern Ramps/doors
- CGO60 Cargo Ventilation/dehumidification/refrigeration
- CGO70 Liquid Cargo Handling Systems
- CGO80 Cargo Tank Cleaning/inerting Systems
- CGO90 Cargo Gear Hydraulic Systems

COM00 Communications (General)

- COM10 External Voice Communications
- COM20 External Data Communications
- COM30 Internal Voice Communications
- COM40 Docking Announcing Systems
- COM50 General Alarm Systems
- COM60 Remote Indicator and Repeater Systems
- COM70 Tank Gauging and Level Alarms
- COM80 Watch and Emergency Call Bell Systems

DOC00 Ship's Documents (General)

- DOC10 Watch/quarter/station (Fire Fighting) Plans
- DOC20 Ship/systems Drawings and Plans
- DOC30 Equipment Instruction Books
- DOC40 System Operating Manuals
- DOC50 Spare Parts Inventory
- DOC60 Log Books/deck and Engine Records
- DOC70 Activation Plans/specifications
- DOC80 Retention M&R Specifications
- DOC90 Deactivation Plans/Specifications

EGD00 Electrical Generation and Distribution (General)

- EGD10 Ship's Service Generator Diesels
- EGD20 Ship's Service Generator Turbines
- EGD30 Ship's Service Generator Gears
- EGD40 Ship's Service Generators
- EGD50 Emergency Diesel Generators
- EGD60 Main And Auxiliary Switchboards
- EGD70 Ship's Service Power Distribution Systems
- EGD80 Lighting Distribution Systems
- EGD90 Motor-generator Equipment

FLD00 Fluid Handling (General)

- FLD10 Fuel Oil Systems



FLD20	Lubricating Oil Systems	MRG70	Bits/Chocks/Cleats/Bollards
FLD30	Cylinder/camshaft Lubricating Systems	MRG80	Portable Pilot Ladders
FLD40	Sea Water Cooling Systems	MRG90	Hawsers/Mooring Lines
FLD50	Fresh Water Cooling Systems		
FLD60	Condensate Systems	NAV00	Navigation (General)
FLD70	Feed Water Systems	NAV10	Radars/plotting Aids
FLD80	Bilge/bilge and Ballast/ballast Systems	NAV20	Gyro and Magnetic Compasses
FLD90	Contaminated Drain Collection Systems	NAV30	Electronic Navigation Systems
		NAV40	Gyro Pilot Systems
		NAV50	Fathometer Systems
HAB00	Habitability (General)	NAV60	Course Recording Systems
HAB10	Commissary/galley/laundry/housekeeping	NAV70	Speed Log Systems
HAB20	Ship's Service Refrigeration Systems	NAV80	Rudder Angle Indicator Systems
HAB30	Heating/ventilation/air Conditioning	NAV90	Maps Charts and Publications
HAB40	Dumbwaiters and Personnel Elevators		
HAB50	Ship's Entertainment System	PRP00	Propulsion (General)
HAB60	Hot/cold Potable Water Systems	PRP10	Steam Turbines
HAB70	Sanitary Flushing Systems	PRP20	Diesel Engines
HAB80	Sewage Treatment Systems	PRP30	Gas Turbines
HAB90	Trash Compactors/incineration Systems	PRP40	Reduction Gears
		PRP50	Couplings/clutches
HUL00	Hull and Structure (General)	PRP60	Line Shafting/bearings/seals
HUL10	Integral Piping Systems	PRP70	Stern Tube Lube Oil Systems
HUL20	Sea Chests/sea Valves/hull Openings	PRP80	Tail Shafts/torque Tubes
HUL30	Cathodic Protection Systems		
HUL40	Deck Drain Systems	REG00	Regulatory Body Requirements (General)
HUL50	Structure Opening Sealing Systems	REG10	Admeasurement/load Lines/canal
HUL60	Exterior Coatings/painting	REG20	Hull Gauging/dry-docking
HUL70	Interior Coatings/painting	REG30	Cargo Gear
HUL80	Tank Coatings	REG40	Propulsion Equipment Systems
		REG50	Automation
MRG00	Mooring and Docking (General)	REG60	Fire Fighting/life Saving
MRG10	Anchor Handling Systems	REG70	Navigation/communication Systems
MRG20	Mooring Winch Systems	REG80	Pollution/SOLAS
MRG30	Capstans	REG90	Manning/habitability
MRG40	Accommodation/boarding Systems		
MRG50	Bow/Stern Thrusters		
MRG60	Mooring Hydraulic Systems		



SAF00 Safety and Security (General)

- SAF10 Lifeboats/Liferafts
- SAF20 Lifeboat Launching/retrieving Systems
- SAF30 Life Saving Equipment
- SAF40 Fire Fighting Equipment
- SAF50 Fire Main/abc Washdown Systems
- SAF60 Co₂/halon Fire Extinguishing Systems
- SAF70 Fire/smoke Detection and Alarm Systems
- SAF80 Bilge Level And Flooding Detection Systems
- SAF90 Intrusion Detection and Alarm Systems

SEF00 Sealift Enhancement (General)

- SEF10 Offshore Petroleum Discharge Systems
- SEF20 Astern Refueling Systems
- SEF30 Modular Cargo/fuel Delivery Systems
- SEF40 Vertical Underway Replenishment Systems
- SEF50 Lashing Gear and Tie Down Fittings
- SEF60 Forklift Trucks
- SEF70 Battery Charging Systems
- SEF80 Sea Sheds/container Ship Cargo Stowage Adapters
- SEF90 Flatracks/container Adapter Frames

STG00 Steering and Sea Keeping (General)

- STG10 Steering Engine
- STG20 Rudder and Pintle
- STG30 Steering Hydraulic Systems
- STG40 Propeller
- STG50 Propeller Hydraulic Systems
- STG60 Flume Tanks/roll Stabilization Systems

STM00 Steam Generation and Distribution (General)

- STM10 Boilers/steam Generators
- STM20 Auxiliary/waste Heat Boilers

- STM30 Contaminated Evaporators/fresh Water Distillers
- STM40 Main Steam Systems
- STM50 Auxiliary Bleed Systems
- STM60 Auxiliary Exhaust Systems
- STM70 Contaminated Steam Systems
- STM80 Boiler Feed Water Sampling/treatment Systems
- STM90 Gland Leak-off And Seal Systems

SUP00 Vessel Support (General)

- SUP10 Shop Equipment
- SUP20 Portable Electric Tools
- SUP30 Special Tools
- SUP40 Test Equipment
- SUP50 Instrumentation
- SUP60 Office Equipment
- SUP70 Bridge Instruments
- SUP80 Medical Equipment