

SMM 2022 Nomenclature

1. Ships (including repairs and refits)

1.1 Seagoing vessels

- 1.1.1 Bulk carriers
- 1.1.2 Car carriers
- 1.1.3 Container ships
- 1.1.4 Cruise ships
- 1.1.5 Ferries, Ropax vessels
- 1.1.6 Fishing vessels
- 1.1.7 General cargo vessel, heavy lift vessels
- 1.1.8 Gas carriers
- 1.1.9 Multipurpose vessels
- 1.1.10 Oil tankers
- 1.1.11 Product and chemicals carriers
- 1.1.12 RoRo ships
- 1.1.13 Super yachts / mega yachts
- 1.1.14 Other special vessels

1.2 Inland waterway crafts

- 1.2.1 Inland cargo vessels
- 1.2.2 Ferries
- 1.2.3 Passenger vessels

1.3 Naval vessels

- 1.3.1 OPV / IPV offshore and inshore patrol vessels
- 1.3.2 Special purpose and auxiliary naval vessels
- 1.3.3 Submarines
- 1.3.4 Surface warships

1.4 Offshore vessels

- 1.4.1 AHTS (anchor-handling tug supplies)
- 1.4.2 Crew transfer vessels
- 1.4.3 Drill ships
- 1.4.4 FPSO / FSO / FSU / FSRU
- 1.4.5 Offshore supply vessels
- 1.4.6 Seismic research vessels
- 1.4.7 Installation vessels

1.5 Special purpose ships

- 1.5.1 Barges
- 1.5.2 Crafts for authorities and special-purpose ships
- 1.5.3 Dredgers
- 1.5.4 Icebreakers
- 1.5.5 Research vessels (fishery and scientific)
- 1.5.6 Tugs / push boats
- 1.5.7 Other special purpose vessels

1.6 Ship sections, superstructures and deckhouses

2. Shipyard installations and equipment

- 2.1. Accessories
- 2.2. Docks and pontoons
- 2.3. EDP technology
- 2.4. Lifting and transport technology
- 2.5. Measuring technology
- 2.6. Metal processing and metalworking

- 2.7. Paint spraying equipment**
- 2.8. Ship cleaning**
- 2.9. Production logistics**

3. Ship fittings and equipment

3.1. Shipbuilding materials and semi-finished goods

- 3.1.1. Non-ferrous metals
- 3.1.2. Plastic material
- 3.1.3. Shipbuilding steel
- 3.1.4. Other shipbuilding materials

3.2. Canals and cable channels

3.3. Doors and windows

- 3.3.1. Doors
- 3.3.2. Locks and hinges
- 3.3.3. Windows and portholes

3.4. Heat, noise and fire insulation

3.5. Lifts and escalators

- 3.5.1. Passenger lifts and escalators
- 3.5.2. Other lifts

3.6. Pipes and hoses

3.7. Room layout including ventilation and air-conditioning plants

- 3.7.1. for corridors, lobbies, accommodation, dining rooms, lounges and shops
- 3.7.2. for operational and catering areas, nautical rooms, workshops and stores
- 3.7.3. for recreation areas, hospital and sanitary facilities

3.8. Galley, laundry and provision storage

- 3.8.1. Galley equipment
- 3.8.2. Laundry equipment
- 3.8.3. Provision stores and cold stores

3.9. Ship, deck and safety equipment

- 3.9.1. Anchors, anchor chains, fittings and accessories
- 3.9.2. Deck coverings
- 3.9.3. Deck machinery and accessories
- 3.9.4. Hatch covers and fittings
- 3.9.5. Insulation
- 3.9.6. Marine coatings, anti-corrosion materials
- 3.9.7. NBC – protection
- 3.9.8. Safety and rescue equipment

3.10. Stairways, rails, top rails

3.11. Stock and decoration, lighting, interior fittings

- 3.11.1. Furniture, soft furnishings, covers, floor coverings
- 3.11.2. Interior decoration, colour schemes, paints for interior use
- 3.11.3. Light fittings

3.12. Walls, ceilings, furniture systems and modules

- 3.12.1. Cabins and cabin modules
- 3.12.2. Furniture systems and modules
- 3.12.3. Walls and ceilings

3.13. Ship hull protection

- 3.13.1. Electric cathodic protection, ICCP
- 3.13.2. Corrosion protection

4. Prime movers, gears and drive systems

4.1. Bearings

4.2. Brakes

4.3. Combustion engines

4.3.1. <1 MW

4.3.2. 1-30 MW

4.3.3. >30 MW

4.4. Couplings

4.5. Engine components

4.6. Engine maintenance

4.7. Exhaust gas systems / exhaust gas treatment

4.8. Fuel cell systems

4.9. Gears

4.10. Drive shaft units

4.11. Hybrid drives

4.12. Injection systems

4.13. Other drive systems

4.14. Tools and accessories

4.15. Turbochargers

5. Auxiliary systems for prime movers

5.1. Compressed air systems

5.2. Cooling water systems

5.3. Diesel generators

5.4. Fuel systems

5.4.1. Ammonia

5.4.2. Dual-fuel

5.4.3. Electric storage systems

5.4.4. H₂

5.4.5. LNG

5.4.6. Methanol / Biofuels

5.4.7. MFO / MDO

5.5. Fuels, coolants and lubricants

5.6. Lubricating oil systems

5.7. Shaft-driven generators

5.8. Sludge and dirty oil systems

6. Propulsors, manoeuvring devices, stabilisers and energy-saving devices

6.1. Propellers

6.2. Propeller nozzles

6.3. Water-jet drives

6.4. Rudder units

6.5. Steering gears

6.6. Fin stabiliser units

6.7. Podded drives & rudder propellers

6.8. Thrusters & pump jets

6.9. Energy-saving devices (ESD)

7. Ship operation equipment

7.1. Air-conditioning and ventilation systems

7.2. Cooling systems

7.3. Environmental protection technology and products

7.4. Fire detecting and alarm systems

- 7.5. Fire extinguishing systems**
- 7.6. Fresh water systems**
- 7.7. Heating systems**
- 7.8. Heel compensation units**
- 7.9. Pump and ballast systems**
- 7.10. Ship safety equipment**
- 7.11. Tank cleaning systems**
- 7.12. Tank filling systems**
- 7.13. Tank heating systems**
- 7.14. Waste systems**
- 7.15. Waste water systems**
- 7.16. Ballast water treatment systems**
- 7.17. Special purpose cranes and hoists**

8. Cargo handling systems and special vessel equipment

- 8.1. Cargo handling systems for liquid cargo**
- 8.2. Cargo-handling systems for other cargo**
- 8.3. Conveyor systems**
- 8.4. Cranes (container, bulk and other)**
- 8.5. Cranes (heavy lift)**
- 8.6. Cryogenic storage and handling systems for liquefied gases**
- 8.7. Dredging equipment**
- 8.8. Lashing material and systems**
- 8.9. Pneumatic transfer systems**
- 8.10. Other mechanical loading and unloading systems**

9. Electrical engineering/electronics

9.1. EDP technology

9.2. Electric energy generation and conversion

- 9.2.1. Converters
- 9.2.2. Electric motors
- 9.2.3. Generators, gensets
- 9.2.4. Outside lighting systems
- 9.2.5. Power take-off generators
- 9.2.6. Shore power intake systems
- 9.2.7. Transformers
- 9.2.8. Transverters

9.3. Monitoring systems

9.4. Navigation and communication systems

- 9.4.1. Autopilot and trackpilot systems
- 9.4.2. Dynamic positioning systems
- 9.4.3. Electronic chart display and information systems (ECDIS)
- 9.4.4. Engine control room systems and equipment
- 9.4.5. External communication
- 9.4.6. Gyrocompasses
- 9.4.7. Integrated Bridge
- 9.4.8. Intra-ship communications
- 9.4.9. Navigation bridge systems and equipment
- 9.4.10. Radars
- 9.4.11. Steering control systems

9.5. Shipboard networks, switchgear, installation

9.6. Ship management systems

9.7. Ship operation and automation equipment

9.8. Warning and safety equipment

10. Marine technology

- 10.1. *Fixed and floating marine structures / platforms***
- 10.2. *Marine data, measurement and seismic research technology***
- 10.3. *Offshore technology for exploitation of natural resources***
- 10.4. *Polar technology***
- 10.5. *Subsea technology***
- 10.6. *Systems and equipment for marine research***
- 10.7. *Systems and equipment for the control of marine pollution***

11. Ports and port technology

- 11.1. *Cargo handling and transport systems***
- 11.2. *External power supply systems***
- 11.3. *Gas storage, supply and transfer systems***
- 11.4. *Port construction and infrastructure***
- 11.5. *Port logistics***
- 11.6. *Port security systems***
- 11.7. *Vessel traffic control***

12. Maritime services

- 12.1. *Classification***
- 12.2. *Consulting***
- 12.3. *Design***
- 12.4. *Documentation***
- 12.5. *Education and research***
- 12.6. *Financing, Insurance***
- 12.7. *Hydrography***
- 12.8. *Institutions, organisations and associations***
- 12.9. *Logistics services***
- 12.10. *Decommissioning and recycling***
- 12.11. *Ship suppliers/ship chandlers***
- 12.12. *Training and simulation***

13. Marine Deployment Systems

- 13.1. *Counter-piracy systems***
- 13.2. *Diving and underwater equipment***
- 13.3. *Naval aviation and weapon systems***
- 13.4. *Unmanned vehicles***

14. Shipbrokers and charterers

15. Shipowners

16. Media