

Overview of Port State Control Deficiency Codes

The following codes are normally used for deficiencies discovered during Port State Control inspections.

Ship's Certificates / Logbooks

0110 Cargo ship safety equipment
0111 Cargo ship safety construction
0112 Passenger ship safety
0113 Cargo ship safety radio
0114 Cargo ship safety
0120 Load lines
0130 Liquefied gases in bulk
0131 Liquefied gases in bulk
0135 Minimum safe manning document
0140 Dangerous chemicals in bulk
0141 Dangerous chemicals in bulk
0150 Prevention of pollution by oil (IOPP)
0155 Pollution prevention noxious liquid substances in bulk
0170 Document of compliance dangerous goods
0180 Tonnage certificate
0190 Logbooks/compulsory entries
0199 Vessel detained due to contravention of ILO or STCW conventions.

Code	Category
0200	Crew
0210	minimum age
0220	certificates of competency
0230	number/composition (according to the Safe Manning Document, if available)
0240	medical certificates
0250	certificated persons for survival craft
0299	other
0300	Accommodation
0310	dirty, parasites
0320	ventilation, heating
0330	sanitary facilities
0340	drainage
0350	lighting
0360	pipes, wires (insulation)
0370	sick bay
0371	medical equipment
0399	other
0400	Food and Catering

Code	Category
0410	galley, handling rooms
0420	provisions
0430	water, pipes and tanks
0499	other
0500	Working Spaces
0510	ventilation, heating
0520	lighting
0599	other
0600	Life Saving Appliances
0610	lifeboats
0611	lifeboat inventory
0613	stowage of lifeboats
0615	rescue boats
0616	rescue boat inventory
0618	stowage of rescue boats
0620	inflatable liferafts
0625	rigid liferafts
0628	stowage of liferafts
0630	launching arrangements for survival craft
0635	launching arrangements for rescue boats
0640	distress flares
0650	lifebuoys
0660	lifejackets
0663	immersion suits
0666	thermal protective aids
0669	radio lifesaving appliances
0670	portable radio apparatus for survival craft
0671	radiotelegraph installation for survival craft
0672	EPIRBs for survival craft
0673	2-way radiotelephone apparatus for survival craft
0674	emergency equipment for 2-way communication
0675	general emergency alarm
0676	public address system
0680	embarkation arrangements - survival craft
0683	embarkation arrangements - rescue boats
0684	means of recovery of lifesaving appliances
0686	buoyant apparatus
0690	line throwing appliance
0695	on board training and instructions
0696	record of inspections / maintenance

Code	Category
0699	other
0700	Fire Fighting Appliances
0710	fire prevention
0711	inert gas system
0715	detection
0720	fire fighting equipment
0725	fixed fire extinguishing installation
0730	appliances (general equipment)
0735	personal equipment
0740	pumps
0745	ventilation, fire-dampers, valves, quick closing devices, means of control
0750	international shore connection
0799	other
0800	Accident Prevention
0810	personal equipment
0820	protection machines/parts
0830	pipes, wires (insulation)
0899	other
0900	Safety in General
0910	hydraulic and other closing devices/watertight doors
0915	signs, indications
0920	safety plans
0925	musters and drills
0930	stability and strength
0936	steering gear
0938	damage to hull due to weather or ship operation
0940	ballast, fuel and other tanks
0945	emergency lighting, batteries and switches
0950	electric equipment in general
0955	pilot ladders
0956	gangway, accommodation ladder
0960	means of escape
0970	location of emergency installations
0981	beams, frames, floors - operational damage
0982	beams, frames, floors - corrosion
0983	hull — corrosion
0984	hull — cracking
0985	bulkheads — corrosion
0986	bulkheads — operational damage
0987	bulkheads — cracking

Code	Category
0988	decks — corrosion
0989	decks — cracking
0999	other
1000	Alarm Signals
1010	general alarm
1020	fire alarm
1030	steering-gear alarm
1040	engineers' alarm
1050	inert gas alarm
1060	machinery controls alarm
1070	UMS-alarms
1080	boiler-alarm
1099	other
1100	Cargo
1110	stowage of cargo
1120	grain
1130	stowage/packaging of dangerous goods
1135	dangerous liquid chemicals in bulk
1138	liquefied gases in bulk
1140	other cargo
1150	loading and unloading equipment
1160	holds and tanks
1170	dangerous goods codes
1199	other
1200	Load Lines
1210	overloading
1220	freeboard marks
1230	Railing, cat walks
1240	cargo and other hatchways
1250	Covers (hatchway-, portable-, tarpaulins, etc.)
1260	windows, side scuttles
1270	doors
1275	ventilators, air pipes, casings
1280	machinery space openings
1282	manholes/flush scuttles
1284	cargo ports/etc.
1286	scuppers, inlets, etc.
1288	Freeing ports
1290	lashings (timber)
1299	other

Code	Category
1300	Mooring Arrangements
1310	ropes, wires
1320	anchoring devices
1330	winches and capstans
1340	adequate lighting
1399	other
1400	Propulsion and Auxiliary Machinery
1410	propulsion main engine
1420	cleanliness of engine room
1430	auxiliary engine
1440	bilge pumping arrangements
1450	UMS-ship
1460	Guards/fencing around dangerous machinery parts
1470	insulation wetted through (oil)
1499	other
1500	Navigation
1510	equipment
1520	shipborne navigational equipment
1530	radar
1540	gyro compass
1541	magnetic compass
1550	lights, shapes, sound-signals
1551	signalling lamp
1560	ship's charts
1570	ship's nautical publications
1575	echosounder
1580	log
1581	Rudder angle indicator
1582	revolution counter
1583	variable pitch indicator
1585	rate-of-turn indicator
1590	international code of signals
1599	other
1600	Radio
1610	auto alarm
1615	watch receiver 2182kHz

Code	Category
1620	main installation
1621	MF radio installation
1623	MF/HF radio installation
1625	INMARSAT ship earth station
1630	reserve installation
1635	maintenance/duplication of equipment
1640	direction finder
1650	vhf station
1651	VHF radio installation
1655	facilities for reception of marine safety information
1660	radio telegraph installation lifeboat
1670	portable radio installation
1671	satellite EPIRB 406MHz/1.6 GHz
1673	VHF EPIRB
1675	ship's radar transponder
1677	reserve source of energy
1680	radio log (diary)
1685	operation/maintenance
1699	other
1700	Marine Pollution - Annex I
1705	shipboard oil pollution emergency plan (SOPEP)
1710	oil record book
1720	control of discharge of oil
1721	retention of oil on board
1725	segregation of oil and water ballast
1730	oily-water separating equipment
1735	pumping, piping and discharge arrangements of oil tankers
1740	oil discharge monitoring and control system
1745	15 PPM alarm arrangements
1750	oil/water interface detector
1760	standard discharge connection
1770	SBT, CBT, COW
1780	pollution report
1790	ship type designation
1795	suspected of discharge violation
1799	other

Code	Category
1800	Tankers
1810	cargo area segregation
1815	air intakes/openings to accommodation, machinery, and control station spaces
1816	wheelhouse door, window
1820	cargo pumproom/handling spaces
1825	Spaces in cargo areas
1830	cargo transfer
1835	cargo vent system
1836	temperature control
1840	instrumentation
1850	fire protection cargo deck area
1860	personal protection
1870	special requirements
1880	cargo information
1885	tank entry
1899	other
1900	Marine Pollution - Annex II
1910	cargo record book
1911	P&A manual
1920	efficient stripping
1925	residue discharge systems
1930	tank washing equipment
1940	prohibited discharge of NLS slops
1960	cargo heating systems - cat. B substances
1970	ventilation procedures/equipment
1980	pollution report
1990	ship type designation
1999	other
2000	SOLAS Related Operational Deficiencies
2010	Muster list
2015	communication
2020	fire drills
2025	abandon ship drills
2030	damage control plan
2035	fire control plan
2040	Bridge operation

Code	Category
2045	cargo operation
2050	operation of machinery
2055	manuals, instructions, etc.
2060	dangerous goods or harmful substances in packaged form
2099	other
2100	MARPOL related operational deficiencies
2110	oil and oily mixtures from machinery spaces
2115	loading, unloading and cleaning procedures for cargo spaces of tankers
2120	garbage
2199	other
2200	Marine pollution - annex III
2210	packaging
2220	marking and labelling
2230	documentation
2240	stowage
2299	other
2500	ISM Related Deficiencies
2501	Safety and environmental policy
2502	Establishment of policy, major non-conformity
2503	Company responsibility and authority
2504	Responsibility, authority and interrelation
2505	Designated person(s)
2506	Designated person, major non-conformity
2507	Master's responsibility and authority
2508	Master's authority
2510	Safety and environmental policy
2515	Company responsibility and authority
2530	Resources and personnel
2535	Development of plans for shipboard
2540	Emergency preparedness
2545	Reports/analysis of non-conformities, etc.
2550	Maintenance of ship and equipment
2555	Documentation
2560	Company verification, review and evaluation
2565	Certification, verification and control
3000	ISPS/Security related deficiencies

Code	Category
3010	Ship Security Plan
3020	Declaration of Security
3030	Logs/ Records
3031	Training
3032	Drills
3040	Ship ID Numbers
3041	Security placards
3050	Access control
3051	Restricted areas
3060	Screening Process
3061	Response procedures
3062	Evacuation procedures
3063	Reporting Security Incidents
3064	Communications
3070	Automatic Identification System
3071	Ship Security Alert System
3072	Maintenance/Calibration/Testing
3073	Other Security Equipment
3080	Vessel Security Level
3090	Ship Security Officer
3091	Shipboard Personnel
3099	Other (ISPS/Security related deficiencies)
9800	Other (clearly hazardous)
9801	Other deficiencies (hazardous to safety, health or environment, in clear text)
9900	Other (not clearly hazardous)
9901	Other deficiencies (not hazardous to safety, health or environment, in clear text)

Action Codes

The given timeframe for rectification of each deficiency is commonly given in a coded form in the inspection report, called "action code".

The following codes are most commonly used:

- 30 = Grounds for detention
- 17 = Master instructed to rectify deficiency before departure
- 16 = to be rectified within 14 days
- 15 = to be rectified at next port of call
- 19 = rectify major non-conformity before departure

18 = rectify non-conformity within 3 months

10 = deficiency rectified

40 = next port informed

50 = Flag State/consul informed

70 = Classification society informed