

USCG Marine Safety Manual, Vol. II: Materiel Inspection
APPENDIX A: DEFICIENCY CODES (Quick Reference)

Reporting of Deficiencies

Deficiency Codes for Data Entry and Reporting The following codes shall be used for entering deficiencies discovered during all types of CG Inspections (Port State Control, Alternative Compliance Program, Streamlined Inspection Program, or Traditional Inspections).

Code	Category
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0100	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 (CoF/GC Code)
0131	liquefied gases in bulk (CoF/IBC Code)
0135	minimum safe manning document
0140	dangerous chemicals in bulk (CoF/IBC Code)
0141	dangerous chemicals in bulk (CoF/IBC Code)
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 STOW conventions. (Code 199 to be used in reporting when there is no certificate applicable to the convention violation. Possible detainable deficiencies relating to ILO or STCW conventions are listed under main items 0200, 0300, 0400 and 0500.)

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

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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
0410	galley, handling rooms
0420	provisions
0430	water, pipes and tanks
0499	other

0500	Working Spaces
0510	ventilation, heating
0520	lighting
0599	other

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Code	Category
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 instalation 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
0699	other

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Code	Category
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

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Code	Category
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
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

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Code	Category
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
1300	MoorIng Arrangements
1310	ropes, wires
1320	anchoring devices
1330	winches and capstans
1340	adequate lighting

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Code	Category
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

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Code	Category
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1600	Radio
1610	auto alarm
1615	watch receiver 2182kHz
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

→ **NOTE:** Odd codes are for ships equipped for GMDSS.

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

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Code	Category
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

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

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Code	Category
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
2045	cargo operation
2050	operation of machinery
2055	manuals, instructions, etc.
2060	dangerous goods or harmful substances in packaged form
2099	other

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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

→ The codes 2000 and 2100 are for statistical purposes only and Should not be used in Inspection reports for nonspecific deficiencies. If non-specific deficiencies must be included in the inspection reports, codes 2099 and 2199 should respectively be applied.

- 2230 documentation
- 2240 stowage
- 2299 other

9800

- 9801 all other deficiencies (clearly hazardous to safety, health or environment, specified in clear text)

9900

- 9901 other deficiencies (not clearly hazardous to safety, health or environment, specified in clear text)