

## List of Paris MoU deficiency codes<sup>i</sup>

THETIS Code	Defective item
<b>01 Certificates &amp; Documentation</b>	
<b>011 - Certificates &amp; Documentation - Ship Certificate</b>	
01101	Cargo ship safety equipment (including exemption)
01102	Cargo ship safety construction (including exempt.)
01103	Passenger ship safety (including exemption)
01104	Cargo ship safety radio (including exemption)
01105	Cargo ship safety (including exemption)
01106	Document of compliance (DoC/ ISM)
01107	Safety management certificate (SMC/ ISM)
01108	Load lines (including Exemption)
01109	Decision-support system for masters on pass. ships
01110	Authorization for grain carriage
01111	Liquefied gases in bulk (CoF/GC Code)
01112	Liquefied gases in bulk (ICoF/IGC Code)
01113	Minimum safe manning document
01114	Dangerous chemicals in bulk (CoF/BCH Code)
01115	Dangerous chemicals in bulk (ICoF/IBC Code)
01116	Operational limitations for passenger ships
01117	Internation Oil Pollution Prevention (IOPP)
01118	Pollution prevention by noxious liquid sub in bulk
01119	International sewage pollution prevention Cert.
01120	Statement of Compliance CAS
01121	Interim Statement of Compliance CAS
01122	International ship security certificate
01123	Continuous synopsis record
01124	International Air Pollution Prevention Cert
01125	Engine International Air Pollution Prevention Cert
01126	Document of compliance dangerous goods
01127	Special purpose ship safety
01128	High speed craft safety and permit to operate
01129	Mobile offshore drilling unit safety
01130	INF certificate of fitness
01131	International AFS certificate *)
01132	Tonnage certificate
01133	Civil liability for oil pollution damage cert.
01134	Other (certificates)
01135	Document for carriage of dangerous goods
01136	Ballast Water Management Certificate
01137	Civil liability for Bunker oil pollution damage cert
01138	International Energy Efficiency Cert
01139	Maritime Labour Certificate
01140	Declaration of Maritime Labour Compliance (Part I and II)
<b>012 - Certificates &amp; Documentation - Crew Certificate</b>	
01201	Certificates for master and officers
01202	Certificate for rating for watchkeeping
01203	Certificates for radio personnel
01204	Certificate for personnel on tankers
01205	Certificate for personnel on fast rescue boats

<b>THETIS Code</b>	<b>Defective item</b>
01206	Certificate for advanced fire-fighting
01209	Manning specified by the minimum safe manning doc
01210	Certificate for medical first aid
01211	Cert for personnel on survival craft & rescue boat
01212	Certificate for medical care
01213	Evidence of basic training
01214	Endorsement by flagstate
01215	Application for Endorsement by flagstate
01217	Ship Security Officer certificate
01218	Medical certificate
01219	Training and qualification MLC - Personnel safety training
01220	Seafarer' employment agreement SEA
01221	Record of employment
01222	Doc evidence for personnel on passenger ships
01223	Security awareness training

### **013 - Certificates and Documentation – Document**

01301	Cargo gear record book
01302	SAR co-operation plan for pass.ships trad on fixe
01303	Unattended machinery spaces (UMS) evidence
01304	Declaration of AFS compliance
01305	Log-books/compulsory entries
01306	Shipboard working arrangements
01307	Maximum hours of work or the minimum hours of rest
01308	Records of seafarers' daily hours of work or rest
01309	Fire control plan – all
01310	Signs, indications
01311	Survey report file
01312	Thickness measurement report
01313	Booklet for bulk cargo loading/unloading/stowage
01314	Shipboard oil pollution emergency plan (SOPEP)
01315	Oil record book
01316	Cargo information
01317	Cargo record book
01318	P & A manual
01319	Shipboard mar. poll. Emergency plan (MPEP) for NLS
01320	Garbage record book
01322	Conformance Test Report
01323	Fire safety operational booklet
01324	Material safety data sheets
01325	ACM statement of compliance (including exemption)
01326	Stability Information Booklet
01327	Energy Efficiency Design Index File
01328	Ship Energy Efficiency Management plan
01329	Report of inspection on MLC, 2006
01330	Procedure for complaint under MLC, 2006
01331	Collective bargaining agreement
01332	AIS test report
01334	STS Operation Plan and Records of STS Operations

### **02 - Structural condition**

02101	Closing devices/watertight doors
02102	Damage control plan
02103	Stability/strenght/loading information and instruments
02104	Information on the A/A-max ratio (Roro/pass.only)

<b>THETIS Code</b>	<b>Defective item</b>
02105	Steering gear
02106	Hull damage impairing seaworthiness
02107	Ballast, fuel and other tanks
02108	Electric equipment in general
02109	Permanent means of access
02110	Beams, frames, floors-op.damage
02111	Beams, frames, floors-corrosion
02112	Hull - corrosion
02113	Hull - cracking
02114	Bulkhead -corrosion
02115	Bulkheads - operational damage
02116	Bulkheads - cracking
02117	Decks - corrosion
02118	Decks - cracking
02119	Enhanced survey programme (ESP)
02120	Marking of IMO number
02121	Cargo area segregation
02122	Openings to cargo area, doors, ..., scuttles
02123	Wheelhouse door, -window
02124	Cargo pump room
02125	Spaces in cargo areas
02126	Cargo tank vent system
02127	Safe access to tanker bows
02128	Bulk carriers additional safety measures
02129	Bulkhead strength
02130	Triangle mark
02131	Other (Bulk carriers)
02132	Water level detectors on single hold cargo ships
02133	Asbestos containing materials
02134	Loading/Ballast condition (Tanker)

### **03 - Water/Weathertight condition**

03101	Overloading
03102	Freeboard marks
03103	Railing, gangway, walkway and means for safe passage
03104	Cargo and other hatchways
03105	Covers (hatchway-, portable-, tarpaulins, etc.)
03106	Windows, side scuttles and deadlights
03107	Doors
03108	Ventilators, air pipes, casings
03109	Machinery space openings
03110	Manholes / flush scuttles
03111	Cargo ports and other similar openings
03112	Scuppers, inlets and discharges
03113	Bulwarks and freeing ports
03114	Stowage incl. uprights, lashing, etc (timber)
03115	Other (load lines)

### **04 - Emergency Systems**

04101	Public address system
04102	Emergency fire pump and its pipes
04103	Emergency lighting, batteries and switches
04104	Low level lighting in corridors
04105	Location of emergency installations
04106	Emergency steering position communications/ compass reading

<b>THETIS Code</b>	<b>Defective item</b>
04107	Emergency towing arrangements and procedures
04108	Muster list
04109	Fire drills
04110	Abandon ship drills
04111	Damage control plan
04112	Shipboard Marine Pollution emergency operations
04113	Water level indicator
04114	Emergency source of power - Emergency generator
04115	Safe areas
04116	Means of communication between safety centre and other control stations
04117	Functionality of Safety Systems
<b>05 - Radio communication</b>	
05101	Distress messages: obligations and procedures
05102	Functional requirements
05103	Main installation
05104	MF radio installation
05105	MF/HF radio installation
05106	INMARSAT ship earth station
05107	Maintenance / duplication of equipment
05108	Performance standards for radio equipment
05109	VHF radio installation
05110	Facilities for reception of marine safety information
05111	Satellite EPIRB 406MHz / 1.6 GHz
05112	VHF EPIRB
05113	SART/AIS-SART
05114	Reserve source of energy
05115	Radio log (diary)
05116	Operation/maintenance
05117	Other (radio communication)
05118	Operation of GMDSS equipment
<b>06 - Cargo operations including equipment</b>	
06101	Cargo securing manual
06102	Grain
06103	Other cargo - timber -deck/construction
06104	Lashing material
06105	Other (cargo)
06106	Cargo transfer - Tankers
06107	Cargo operation
06108	Cargo density declaration
<b>07 - Fire safety</b>	
07101	Fire prevention structural integrity
07102	Inert gas system
07103	Division – decks, bulkheads and penetrations
07104	Main vertical zone
07105	Fire doors/openings in fire-resisting divisions
07106	Fire detection
07108	Ready availability of fire fighting equipment
07109	Fixed fire extinguishing installation
07110	Fire fighting equipment and appliances
07111	Personal equipment
07112	Emergency escape breathing Device and disposition

<b>THETIS Code</b>	<b>Defective item</b>
07113	Fire pumps and its pipes
07114	Means of control (opening, pumps) Machinery spaces
07115	Fire-dampers
07116	Ventilation
07117	Jacketed high pressure lines and oil leakage alarm
07118	International shore-connection
07119	Other (fire safety)
07120	Means of escape
07121	Crew alarm
07122	Fire control plan
07123	Operation of Fire protection systems
07124	Maintenance of Fire protection systems
07125	Evaluation of crew performance (fire drills)

## **08 – Alarms**

08101	General alarm
08102	Emergency signal
08103	Fire alarm
08104	Steering-gear alarm
08105	Engineer's alarm
08106	Inert gas alarm
08107	Machinery controls alarm
08108	UMS-alarms
08109	Boiler-alarm
08110	Closing watertight doors alarm
08111	Other (alarms)

## **09 - Working and Living Conditions**

### **091 - Working and Living Conditions - Living conditions**

09101	Minimum age
09102	Dirty, parasites
09103	Ventilation (Accommodation)
09104	Heating
09105	Noise
09106	Sanitary facilities
09107	Drainage
09108	Lighting (Accommodation)
09109	Pipes, wires (insulation)
09110	Electrical devices
09111	Sickbay
09112	Medical equipment
09113	Access/structure
09114	Sleeping room
09115	No direct openings into sleeping rooms cargo/mach.
09116	Furnishings
09117	Berth dimensions, etc.
09118	Clear head
09119	Messroom (location)
09120	Oil skin locker
09121	Laundry
09122	Record of inspection (Accommodation)
09123	Other (crew and accommodation)
09124	Galley, handlingroom (maintenance)
09127	Cleanliness
09128	Provisions quantity

<b>THETIS Code</b>	<b>Defective item</b>
09129	Provisions quality
09130	Water, pipes, tanks
09131	Cold room
09132	Cold room temperature
09133	Cold room cleanliness
09134	Food personal hygiene
09135	Food temperature
09136	Food segregation
09137	Record of inspection
09138	Other (food)

### **092 - Working and Living Conditions - Working Conditions**

09201	Ventilation (Working spaces)
09202	Heating
09203	Lighting (Working spaces)
09204	Safe means of access
09205	Safe means of access shore – ship
09206	Safe means of access deck - hold/tank, etc.
09207	Obstruction/slipping, etc.
09208	Protection machinery
09209	Electrical
09210	Machinery
09211	Steam pipes and pressure pipes
09212	Danger areas
09213	Gas instruments
09214	Emergency cleaning devices
09215	Other (working space ILO)
09216	Personal equipment
09217	Warning notices
09218	Protection machines/parts
09219	Pipes, wires (insulation)
09220	Structural features (ship)
09221	Entry dangerous spaces
09222	Other (accident prevention)
09223	Gangway, accommodation-ladder
09224	Stowage of cargo
09225	Loading and unloading equipment
09226	Holds and tanks safety
09227	Ropes and wires
09228	Anchoring devices
09229	Winches and capstans
09230	Adequate lighting - mooring arrangements
09231	Other (mooring)
09232	Cleanliness of engine room
09233	Guards / fencing around dangerous machinery parts
09234	Night working for seafarer under the age of 18
09235	Fitness for duty – work and rest hours
09236	Legal documentation on work and rest hours
09327	Fitness for duty – intoxication

### **10 - Safety of Navigation**

10101	Pilot ladders and hoist/pilot transfer arrangements
10102	Type approval equipment
10103	Radar
10104	Gyro compass

<b>THETIS Code</b>	<b>Defective item</b>
10105	Magnetic compass
10106	Compass correction log
10107	Automatic radar plotting aid (ARPA)
10109	Lights, shapes, sound-signals
10110	Signalling lamp
10111	Charts
10112	Electronic charts (ECDIS)
10113	Automatic Identification System (AIS)
10114	Voyage Data Recorder (VDR) / Simplified Voyage Data Recorder (S-VDR)
10115	GNSS receiver/terrestrial radio navigation system
10116	Nautical publications
10117	Echo sounder
10118	Speed and distance indicator
10119	Rudder angle indicator
10120	Revolution counter
10121	Variable pitch indicator
10122	Rate-of-turn indicator
10123	International code of signals- SOLAS
10124	Life-saving signals
10125	Use of the automatic pilot
10126	Records of drills and steering gear tests
10127	Voyage or passage plan
10128	Navigation bridge visibility
10129	Navigation records
10130	Other (navigation)
10132	Communication - SOLAS Chapter V
10133	Bridge operation
10134	HSC operation
10135	Monitoring of voyage or passage plan
10136	Establishment of working language on board
10137	Long-Range Identification and Tracking system (LRIT)
10138	Bridge Navigational Watch Alarm System (BNWAS)

### **11 - Life saving appliances**

11101	Lifeboats
11102	Lifeboat inventory
11103	Stowage and provision of lifeboats
11104	Rescue boats
11105	Rescue boat inventory
11106	Fast rescue boats
11107	Stowage of rescue boats
11108	Inflatable liferafts
11109	Rigid liferafts
11110	Stowage of liferafts
11111	Marine evacuation system
11112	Launching arrangements for survival craft
11113	Launching arrangements for rescue boats
11114	Helicopter landing and pick-up area
11115	Means of rescue
11116	Distress flares
11117	Lifebuoys incl. provision and disposition
11118	Lifejackets incl. provision and disposition
11119	Immersion suits
11120	Anti-exposure suits

<b>THETIS Code</b>	<b>Defective item</b>
11121	Thermal Protective Aids
11122	Radio life-saving appliances
11123	Emergency equipment for 2-way comm.
11124	Embarkation arrangement survival craft
11125	Embarkation arrangements rescue boats
11126	Means of recovery of life saving appliances
11127	Buoyant apparatus
11128	Line-throwing appliance
11129	Operational readiness of lifesaving appliances
11130	Evaluation, testing and approval
11131	On board training and instructions
11132	Maintenance and inspections
11133	Other (life saving)
11134	Operation of Life Saving Appliances
11135	Maintenance of Life Saving Appliances

## **12 - Dangerous Goods**

12101	Stowage/segregation/packaging of dangerous goods
12102	Dangerous liquid chemicals in bulk
12103	Liquefied gases in bulk
12104	Dangerous goods code
12105	Temperature control
12106	Instrumentation
12107	Fire protection cargo deck area
12108	Personal protection
12109	Special requirements
12110	Tank entry
12111	Other (tankers)
12112	Dangerous goods or harmful substances in pack. Form

## **13 - Propulsion and auxiliary machinery**

13101	Propulsion main engine
13102	Auxiliary engine
13103	Gauges, thermometers etc.
13104	Bilge pumping arrangements
13105	UMS-ship
13106	Insulation wetted through (oil)
13107	Other (machinery)
13108	Operation of machinery

## **14 - Pollution Prevention**

### **141 - Pollution Prevention - MARPOL Annex I**

14101	Control of discharge of oil
14102	Retention of oil on board
14103	Segregation of oil and water ballast
14104	Oil filtering equipment
14105	Pumping, piping and discharge arrangements
14106	Pump room bottom protection
14107	Oil discharge monitoring and control system
14108	15 PPM alarm arrangements
14109	Oil / water interface detector
14110	Standard discharge connection
14111	SBT, CBT, COW
14112	COW operations and equipment manual
14113	Double hull construction



<b>THETIS Code</b>	<b>Defective item</b>
14114	Hydrostatically balanced loading
14115	Condition Assessment Scheme
14116	Pollution report - MARPOL Annex I
14117	Ship type designation
14118	Other (MARPOL Annex I)
14119	Oil and oily mixtures from machinery spaces
14120	Loading, unloading & cleaning procedures cargo spaces of tankers
14121	Suspected of discharge violation
<b><u>142 - Pollution Prevention - MARPOL Annex II</u></b>	
14201	Efficient stripping
14202	Residue discharge systems
14203	Tank washing equipment
14204	Prohibited discharge of NLS slops
14205	Cargo heating systems - cat. Y substances
14206	Ventilation procedures / equipment
14207	Pollution report - MARPOL Annex II
14208	Ship type designation
14209	Other (MARPOL Annex II)
<b><u>143 - Pollution Prevention - MARPOL Annex III</u></b>	
14301	Packaging
14302	Marking and labelling
14303	Documentation (MARPOL Annex III)
14304	Stowage
14305	Other (MARPOL - Annex III)
<b><u>144 - Pollution Prevention - MARPOL Annex IV</u></b>	
14402	Sewage treatment plan
14403	Sewage comminuting and disinfecting system
14404	Sewage discharge connection
14405	Other (MARPOL Annex IV)
<b><u>145 - Pollution Prevention - MARPOL Annex V</u></b>	
14501	Garbage
14502	Placards
14503	Garbage management plan
14504	Other (MARPOL Annex V)
<b><u>146 - Pollution Prevention - MARPOL Annex VI</u></b>	
14601	Technical Files and if applicable, monitoring manual
14602	Record book engine parameters
14603	Approved doc exhaust gas cleaning system
14604	Bunker delivery notes
14605	Type approval certificate of incinerator
14606	Diesel engine air pollution control
14607	Quality of fuel oil
14608	Incinerator incl. operations and operating manual
14609	Volatile Organic compounds in tankers
14610	Operational proc. for engines or equipment
14611	Ozone depleting substances
14612	Other (MARPOL ANNEX VI)
14613	Approved method
14614	Sulphur oxides

<b>THETIS Code</b>	<b>Defective item</b>
<b>147 - Pollution Prevention - Anti Fouling</b>	
14701	AFS supporting documentation
14702	Logbook entries referring AFS
14703	Paint condition
14704	Other (AFS)
<b>15 - ISM</b>	
15150	ISM
<b>16 - ISPS</b>	
16101	Security related defects
16102	Ship security alert system
16103	Ship security plan
16104	Ship security officer
16105	Access control to ship
16106	Security drills
16107	Other (maritime security)
<b>17 - Other</b>	
17101	Other safety in general
17102	Other (SOLAS operational)
17103	Other (MARPOL operational)
<b>18 - MLC, 2006 Minimum requirements to work on a ship</b>	
18101	Minimum age
18102	Night working
18103	Medical fitness
18104	Recruitment and placement service
18199	Other (Minimum requirements)
<b>MLC, 2006 Conditions of employment</b>	
18201	Fitness for duty - work and rest hours
18202	Legal documentation on work and rest hours
18203	Wages
18204	Calculation and payment
18205	Measures to ensure transmission to seafarer's family
18299	Other (Conditions of employment)
<b>MLC, 2006 Accommodation, recreational facilities, food and catering</b>	
18301	Noise, vibration and other ambient factors
18302	Sanitary Facilities
18303	Drainage
18304	Lighting (Accommodation)
18305	Hospital accommodation (Sickbay)
18306	Sleeping room, additional spaces
18307	Direct openings into sleeping rooms cargo/mach.
18308	Furnishings
18309	Berth dimensions, etc.
18310	Minimum headroom
18311	Mess room and recreational facilities
18312	Galley, handlingroom (maintenance)
18313	Cleanliness
18314	Provisions quantity
18315	Provisions quality and nutritional value

<b>THETIS Code</b>	<b>Defective item</b>
18316	Water, pipes, tanks
18317	Food personal hygiene
18318	Food temperature
18319	Food segregation
18320	Record of inspection (food and catering)
18321	Heating, air conditioning and ventilation
18322	Insulation
18323	Office
18324	Cold room, cold room cleanliness, cold room temperature
18325	Training and qualification of ship's cook
18326	Laundry, Adequate Locker
18327	Ventilation (Working spaces)
18399	Other (Accommodation, recreational facilities...)
<b>MLC, 2006 Health protection, medical care, social security</b>	
18401	Medical Equipment, medical chest, medical guide
18402	Access to on shore medical doctor or dentist
18403	Standard medical report form
18404	Medical doctor or person in charge of medical care
18405	Medical advice by radio or satellite
18406	Medical care onboard or ashore free of charge
18407	Lighting (Working spaces)
18408	Electrical
18409	Dangerous areas
18410	Gas instruments
18411	Emergency cleaning devices
18412	Personal equipment
18413	Warning notices
18414	Protection machines/parts
18415	Entry dangerous spaces
18416	Ropes and wires
18417	Anchoring devices
18418	Winches & capstans
18419	Adequate lighting - mooring arrangements
18420	Cleanliness of engine room
18421	Guards - fencing around dangerous machinery parts
18422	Asbestos fibres
18423	Preventative information
18424	Steam pipes, pressure pipes, wires (insulation)
18425	Access / structural features (ship)
18426	Exposure to harmful levels of ambient factors
18427	Ship's occupational safety and health policies and programmes
18428	On board programme for the prevention of occupational injuries and diseases
18429	Procedure for inspection, reporting and correcting unsafe conditions and for investigating and reporting on-board occupational accidents
18430	Ship's safety committee
18431	Investigation after accident
18432	Risk evaluation, training and instruction to seafarers
18499	Other (Health protection, medical care...)

<sup>i</sup> Paris MoU assumes no liability or responsibility for any errors or omissions.