

LIST OF NON-MED EQUIPMENT

Particulars of ship

Job No.:

Name of ship:

IMO number:

Distinctive numbers or letters:

1. Details of life-saving appliances						
Item No.¹	Item Designation	Non-MED Equip. on board (Y/ N)	Type Approval Certificate Number	Authority issuing the Type Approval Certificate	Testing Standards carried out to issue the Type Approval Certificate	Comments by RO compiling this list of Non-MED Equipment
A.1/1.1	Lifebuoys					
A.1/1.2	Position-indicating lights for life-saving appliances: (a) For survival craft and rescue boats (b) For lifebuoys (c) For lifejackets					
A.1/1.3	Lifebuoys self-activating smoke signals					
A.1/1.4	Lifejackets					
A.1/1.5	Immersion suits and anti-exposure suits not classified as lifejackets: — Insulated or not insulated					
A.1/1.6	Immersion suits and anti-exposure suits classified as lifejackets: — Insulated or not insulated					
A.1/1.7	Thermal protective aids					
A.1/1.8	Rocket parachute flares (pyrotechnics)					

¹ Items are the same as listed in Annex A.1 of the Council Directive 96/98/EC of 20 December 1996 on Marine Equipment amended by Directive 2010/68/EU.

A.1/1.9	Hand flares (pyrotechnics)					
A.1/1.10	Buoyant smoke signals (pyrotechnics)					
A.1/1.11	Line-throwing appliances (pyrotechnics)					
A.1/1.12	Inflatable liferafts					
A.1/1.13	Rigid liferafts					
A.1/1.14	Automatically self- righting liferafts					
A.1/1.15	Canopied reversible liferafts					
A.1/1.16	Float-free arrangements for liferafts (hydrostatic release units)					
A.1/1.17	Lifeboats					
A.1/1.18	Rigid rescue boats					
A.1/1.19	Inflated rescue boats					
A.1/1.20	Fast rescue boats					
A.1/1.21	Launching appliances using fall (davits)					
A.1/1.22	Float free launching appliances for survival craft	Moved to A.2/1.3				
A.1/1.23	Launching appliances for free-fall lifeboats					
A.1/1.24	Liferaft launching appliances (davits)					
A.1/1.25	Fast rescue boat launching appliances (davits)					
A.1/1.26	Release mechanism for (a) Lifeboats and rescue boats and (b) Liferafts Launched by a fall or falls					
A.1/1.27	Marine evacuation systems					

A.1/1.28	Means of rescue					
A.1/1.29	Embarkation ladders					
A.1/1.30	Retro-reflective materials					
A.1/1.31	Survival craft two-way VHF radio telephone apparatus	Moved to A.1/5.17 and A.1/5.18				
A.1/1.32	9 GHz SAR transponder (SART)	Moved to A.1/4.18				
A.1/1.33	Radar reflector for lifeboats and rescue boats					
A.1/1.34	Compass for lifeboats and rescue boats	Moved to A.1/4.23				
A.1/1.35	Portable fire-extinguishing equipment for lifeboats and rescue boats	Moved to A.1/3.38				
A.1/1.36	Lifeboat / rescue boat propulsion engine					
A.1/1.37	Rescue boat propulsion engine-outboard motor					
A.1/1.38	Searchlights for use in lifeboats and rescue boats					
A.1/1.39	Open reversible liferafts					
A.1/1.40	Mechanical pilot hoist	Moved to A.1/4.48				
A.1/1.41	Winches for survival craft and rescue boats					
A.1/1.42	Pilot ladder	Moved to A.1/4.49				
A.1/1.43 New item	Rigid/inflated rescue boats					

2. Details of Marine Pollution Prevention Equipment

Item No.	Item Designation	Non-MED Equip. on board (Y/ N)	Type Approval Certificate Number	Authority issuing the Type Approval Certificate	Testing Standards carried out to issue the Type Approval Certificate	Comments by RO compiling this list of Non-MED Equipment
A.1/2.1	Oil-filtering equipment (for an oil content of the effluent not exceeding 15					

	p.p.m.)					
A.1/2.2	Oil/water interface detectors					
A.1/2.3	Oil-content meters					
A.1/2.4	Process units intended for attachment to existing oily water separating equipment (for an oil content of the effluent not exceeding 15 p.p.m.)	Deliberately left blank				
A.1/2.5	Oil discharge monitoring and control system for oil tanker					
A.1/2.6	Sewage systems					
A.1/2.7	Shipboard incinerators					
A.1/2.8	On board NOx monitoring and recording devices					
A.1/2.9	Other technological methods to limit SOx emissions					

3. Details of Fire Protection Equipment

Item No.	Item Designation	Non-MED Equip. on board (Y/N)	Type Approval Certificate Number	Authority issuing the Type Approval Certificate	Testing Standards carried out to issue the Type Approval Certificate	Comments by RO compiling this list of Non-MED Equipment
A.1/3.1	Primary decks covering					
A.1/3.2	Portable fire extinguishers					
A.1/3.3	Fire-fighter's outfit: protective clothing (close proximity clothing)					
A.1/3.4	Fire-fighter's outfit: boots					
A.1/3.5	Fire-fighter's outfit: gloves					
A.1/3.6	Fire-fighter's outfit: helmet					
A.1/3.7	Self-contained					

	compressed-air-operated breathing apparatus					
A.1/3.8	Compressed air line breathing apparatus					
A.1/3.9	Sprinkler systems components for accommodation spaces, service spaces and control stations equivalent to that referred to in SOLAS 74 Reg. II-2/12 (limited to nozzles and their performance) (Nozzles for fixed sprinkler systems, for high speed craft(HSC) are included under this item)					
A.1/3.10	Nozzles for fixed pressure water spraying fire extinguishing systems for machinery spaces and cargo pump-rooms					
A.1/3.11	'A' & 'B' Class divisions fire integrity (a) 'A' class divisions (b) 'B' class divisions					
A.1/3.12	Devices to prevent the passage of flame into the cargo tanks in tankers					
A.1/3.13	Non-combustible materials					
A.1/3.14	Materials other than steel for pipes penetrating 'A' or 'B' Class division	Item included in A.1/3.26 and A.1/3.27				
A.1/3.15	Materials other than steel for pipes conveying oil or fuel oil (a) pipes and fittings (b) valves (c) flexible pipe assemblies					
A.1/3.16	Fire Doors					
A.1/3.17	Fire door control systems components.					
A.1/3.18	Surface materials and floor coverings with low					

	flame-spread characteristics (a) decorative veneers (b) paint systems (c) floor coverings (d) pipe insulation covers (e) adhesives used in the construction of “A”, “B” and “C” class divisions. (f) combustible ducts					
A.1/3.19	Draperies, curtains and other suspended textile materials and films					
A.1/3.20	Upholstered furniture					
A.1/3.21	Bedding components					
A.1/3.22	Fire dampers					
A.1/3.23	Non-combustible duct penetrations through “A” class divisions	Moved to A.1/3.26				
A.1/3.24	Electric Cable Transits through “A” class divisions	Moved to A.1/3.26				
A.1/3.25	“A” and “B” class fire proof windows & side Scuttles					
A.1/3.26	Penetrations through ‘A’ class divisions (a) electric cable transits (b) pipe, duct, trunk, etc penetrations					
A.1/3.27	Penetrations through ‘B’ class (a) electric cable transits (b) pipe, duct, trunk, etc penetrations					
A.1/3.28	Sprinkler systems (limited to sprinkler heads) (Nozzles for fixed sprinkler systems, for high speed craft(HSC) are included under this item)					
A.1/3.29	Fire hoses					
A.1/3.30	Portable Oxygen analysis and gas detection equipment					

A.1/3.31	Nozzles for fixed sprinkler systems components for high-speed craft(HSC)	Item deleted as it is covered by A.1/3.9 an A.1/3.28				
A.1/3.32	Fire restricting materials (except furniture) for high speed craft					
A.1/3.33	Fire restricting materials for furniture for high speed craft					
A.1/3.34	Fire resisting divisions for high speed craft					
A.1/3.35	Fire doors on high speed craft					
A.1/3.36	Fire dampers on high speed craft					
A.1/3.37	Penetrations through fire resisting divisions on high speed craft (a) electric cable transits, (b) pipe, duct, trunk etc penetrations.					
A.1/3.38	Portable fire-extinguishing equipment for lifeboats and rescue boats					
A.1/3.39	Nozzles for equivalent water-mist fire extinguishing systems for machinery spaces and cargo pump rooms					
A.1/3.40	Low-location lighting systems (components only)					
A.1/3.41	Emergency escape breathing devices (EEBD)					
A.1/3.42	Inert gas systems components					
A.1/3.43	Nozzles for deep fat cooking equipment fire extinguishing systems (automatic or manual type)					
A.1/3.44	Fire-fighters outfit – lifeline					

A.1/3.45	Equivalent fixed gas fire extinguishing systems components (extinguishing medium, head valves and nozzles) for machinery spaces and cargo pump rooms					
A.1/3.46	Equivalent fixed gas fire extinguishing systems for machinery spaces (aerosol systems)					
A.1/3.47	Concentrate for Fixed High Expansion Foam Fire Extinguishing Systems for Machinery Spaces and Cargo Pump Rooms.					
A.1/3.48	Fixed water based local application fire fighting systems components for use in category "A" machinery spaces. (Nozzles and performance tests)					
A.1/3.49	Nozzles for fixed water-based fire-fighting systems for ro-ro spaces and special category spaces equivalent to that referred to in resolution A.123(V)					
A.1/3.50	Protective clothing resistant to chemical attack	Moved to A.2/3.9				
A.1/3.51	Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces					
A.1/3.52	Non-portable and transportable fire extinguishers					
A.1/3.53	Alarm devices					
A.1/3.54	Fixed oxygen analysis and gas detection equipment					

A.1/3.55	Dual purpose type nozzles (spray/jet type)					
A.1/3.56	Fire hoses (reel type)					
A.1/3.57	Medium Expansion Foam Fire Extinguishing Systems components — Fixed Deck Foam for Tankers					
A.1/3.58	Fixed Low Expansion Foam Fire Extinguishing Systems components for Machinery Spaces and Tanker Deck Protection					
A.1/3.59	Expansion Foam for Fixed Fire Extinguishing Systems for Chemical Tankers					
A.1/3.60	Nozzles for fixed pressure water-spraying fire-extinguishing systems for cabin balconies					
A.1/3.61	Inside air high expansion foam systems for the protection of machinery spaces and cargo pump rooms					

4. Details of Navigation Equipment

Item No.	Item Designation	Non-MED Equip. on board (Y/ N)	Type Approval Certificate Number	Authority issuing the Type Approval Certificate	Testing Standards carried out to issue the Type Approval Certificate	Comments by RO compiling this list of Non-MED Equipment
A.1/4.1	Magnetic compass					
A.1/4.2	Transmitting heading device THD (magnetic method)					
A.1/4.3	Gyro compass					
A.1/4.4	Radar equipment	Moved to A.1/4.34, A.1/4.35 and A.1/4.36				
A.1/4.5	Automatic radar plotting aid (ARPA)	Moved to A.1/4.34				
A.1/4.6	Echo-sounding equipment					

A.1/4.7	Speed and distance measuring equipment (SDME)					
A.1/4.8	Rudder angle, rpm, pitch indicator	Moved to A.1/4.20, A.1/4.21 and A.1/4.22				
A.1/4.9	Rate-of-turn indicator					
A.1/4.10	Direction finder	Deliberately left blank				
A.1/4.11	Loran-C equipment					
A.1/4.12	Chayka equipment					
A.1/4.13	Decca navigator equipment	Deliberately left blank				
A.1/4.14	GPS equipment					
A.1/4.15	GLONASS equipment					
A.1/4.16	Heading control system (HCS)					
A.1/4.17	Mechanical pilot hoist	Moved to A.1/1.40				
A.1/4.18	9 GHz SAR transponder (SART)					
A.1/4.19	Radar equipment for high-speed craft	Moved to A.1/4.37				
A.1/4.20	Rudder angle indicator					
A.1/4.21	Propeller revolution indicator					
A.1/4.22	Pitch indicator					
A.1/4.23	Compass for lifeboats and rescue boats					
A.1/4.24	Automatic radar plotting aid (ARPA) for high-speed craft	Moved to A.1/4.37				
A.1/4.25	Automatic tracking aid (ATA)	Moved to A.1/4.35				
A.1/4.26	Automatic tracking aid (ATA) for high speed craft	Moved to A.1/4.38				
A.1/4.27	Electronic plotting aid (EPA)	Moved to A.1/4.36				
A.1/4.28	Integrated bridge system	Moved to A.2/4.30				

A.1/4.29	Voyage data recorder (VDR)					
A.1/4.30	Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS)					
A.1/4.31	Gyro compass for high-speed craft					
A.1/4.32	Universal automatic identification system equipment (AIS)					
A.1/4.33	Track control system (working at ship's speed from minimum manoeuvring speed up to 30 knots)					
A.1/4.34	Radar equipment CAT1 (CAT: Category for radar equipment as defined in section 1.3 of IEC 62388 (2007))					
A.1/4.35	Radar equipment CAT2					
A.1/4.36	Radar equipment CAT3					
A.1/4.37	Radar equipment for high speed craft applications (CAT 1H, CAT 2H and CAT 3H)					
A.1/4.38	Radar equipment approved with a chart option, namely: (a) CAT1 with Chart option. (b) CAT2 with Chart option. (c) CAT1 for HSC with Chart option. (d) CAT2 for HSC with Chart option.					
A.1/4.39	Radar reflector					
A.1/4.40	Heading control system for high speed craft					
A.1/4.41	Transmitting heading device THD (GNSS method)					

A.1/4.42	Searchlight for high speed craft					
A.1/4.43	Night vision equipment for high speed craft					
A.1/4.44	Differential beacon receiver for DGPS and DGLONASS Equipment					
A.1/4.45	Chart facilities for shipborne radar	Item deleted, as it is covered by A.1/4.38				
A.1/4.46	Transmitting heading device THD (Gyroscopic method)					
A.1/4.47	Simplified voyage data recorder (S-VDR)					
A.1/4.48	Mechanical pilot hoist					
A.1/4.49	Pilot ladder					
A.1/4.50	DGPS Equipment					
A.1/4.51	DGLONASS Equipment					
A.1/4.52 Ex.A.2/4.4	Daylight signalling lamp					

5. Details of Radio Communication Equipment

Item No.	Item Designation	Non-MED Equip. on board (Y/ N)	Type Approval Certificate Number	Authority issuing the Type Approval Certificate	Testing Standards carried out to issue the Type Approval Certificate	Comments by RO compiling this list of Non-MED Equipment
A.1/5.1	VHF radio capable of transmitting and receiving DSC and radiotelephony					
A.1/5.2	VHF DSC watch-keeping receiver					
A.1/5.3	NAVTEX receiver					
A.1/5.4	EGC receiver					
A.1/5.5	HF marine safety information (MSI) equipment (HF NBDP receiver)					
A.1/5.6	406 MHz EPIRB (COSPAS-SARSAT)					

A.1/5.7	L- band EPIRB (INMARSAT)	Deliberately left blank				
A.1/5.8	2182 kHz watch receiver	Deliberately left blank				
A.1/5.9	Two-tone alarm generator	Deliberately left blank				
A.1/5.10	MF radio capable of transmitting and receiving DSC and radiotelephony					
A.1/5.11	MF DSC watch-keeping receiver					
A.1/5.12	Inmarsat-B SES					
A.1/5.13	Inmarsat-C SES					
A.1/5.14	MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony					
A.1/5.15	MF/HF DSC watch keeping receiver					
A.1/5.16	Aeronautical two way VHF radio telephone apparatus	Moved to A.2/5.8				
A.1/5.17	Portable survival craft two-way VHF radiotelephone apparatus					
A.1/5.18	Fixed survival craft two-way VHF radiotelephone apparatus					
A.1/5.19	Inmarsat-F SES					

6. Details of equipment required under COLREG 72

Item No.	Item Designation	Non-MED Equip. on board (Y/ N)	Type Approval Certificate Number	Authority issuing the Type Approval Certificate	Testing Standards carried out to issue the Type Approval Certificate	Comments by RO compiling this list of Non-MED Equipment
A.1/6.1	Navigation lights					

7. Details of bulk carrier safety equipment

Item No.	Item Designation	Non-MED Equip. on board	Type Approval Certificate Number	Authority issuing the Type Approval	Testing Standards carried out to issue the Type	Comments by RO compiling this list of Non-MED
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		board (Y/ N)		Certificate	Approval Certificate	Equipment
No items in Annex A.1						
8. Details of equipment under SOLAS Chapter II-1 Construction—structure, subdivision and stability, machinery and electrical installations (Refer to Reg.II-1/22-1, Reg.II-1/23-3, Reg.XII/12)						
Item No.	Item Designation	Non-MED Equip. on board (Y/ N)	Type Approval Certificate Number	Authority issuing the Type Approval Certificate	Testing Standards carried out to issue the Type Approval Certificate	Comments by RO compiling this list of Non-MED Equipment
A.1/8.1 (new item)	Water level detectors					