## MATERIAL DECLARATION (MD) Type 1: SELF DECLARATION

Date of declaration	13/8/2021			Company name	Motorola Solutions Systems Polska Sp. z o.o.
	•		-	Division name	Systems & Products
MD ID No.	HKN4191C			Address	UI.Czerwone Maki 82; 30-392 Krakow, Poland
			-	Contact person	Dariusz Szczesniak
Shipbuilder				Telephone no.	+48 603300684
Newbuilding No.				Fax no.	+48 122979301
Remarks				Email address	dariusz.szczesniak@motorolasolutions.com
		Yes No	-	SDoC ID no.	-
Is product already Type approved	by DNV?	X			
<product information=""></product>					

		Amount	delivered		
Product Name	Product Number	Amount Unit (Kg, m2, m3)		Product information	
CABLE, ASSY, MM, MOBILE PWR CABLE 10 FT, 12 AWG, 20A	HKN4191C	<0.2	Kg	Cable Assembly	

This material information shows the amount of hazardous materials contained in:

Unit: 1 piece

(Unit: piece, kg, m, m2, m3...) of the product

MD

## Adaterial information> TABLE A: Materials listed in Appendix 1 of the Convention

	Materials		Threshold level		IF YES Material Mass		IF YES
No.				Present above threshold level?			
NO.			Threshold level		Amount	Unit	Information on where it is used
				Yes or No	Anount	(Kg, m2, m3)	
A-1	Asbestos		No threshold level	No			
A-2	Polychlorinated biphenyls (PCBs)		No threshold level	No			
-		Chlorofluorocarbons (CFCs)		No			
		Halons		No			
		Other fully halogenated CFCs	No threshold level	No			
		Carbon Tetrachloride		No			
	Ozone depleting substances	1,1,1-Trichloroethane (Methyl chloroform)		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
		Methyl Bromide		No			
		Bromochloromethane		No			
A-4	Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg	No			

nants should not be listed in MD Note: For materials in this Table with no thresh old level, quar ies occurring as uni

## TABLE B: Materials listed in Appendex 2 of the Convention

		Threshold level		IF YES Material Mass		IF YES
No.	Materials		Present above threshold level?			
NO.	materials	The shou level		Amount	Unit	Information on where it is used
			Yes or No	Anodin	(Kg, m2, m3)	
B-1	Cadmium and Cadmium Compounds	100 mg/kg	No			
B-2	Hexavalent Chromium and Hexavalent Chromium Compounds	1,000 mg/kg	No			
B-3	Lead and Lead Compounds	1,000 mg/kg	Yes	<0.01	Kg	Brass, Phosphor bronze
B-4	Mercury and Mercury Compounds	1,000 mg/kg	No			
B-5	Polybrominated Biphenyl (PBBs)	1,000 mg/kg	No			
B-6	Polybrominated Diphenyl Ethers (PBDEs)	1,000 mg/kg	No			
B-7	Polychlorinated Naphthalenes (more than 3 chlorine atoms, Cl ≥3)	No threshold level	No			
B-8	Radioactive substances	No threshold level	No			
B-9	Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1%	No			
Note:	- For materials in this Table with no threshold level, quantities occurring as unintentional trac	e contaminants should not be listed	l in MDs		•	•

For materials in this Table with no threshold level, quantities occurring as unintentional trace contaminants should not be listed in MDe
 Materials listed in the TABLE B that are inherent in solid metals or metal alloys, provided they are used in general construction, such as
 hull, superstructure, pipe or housings for equipment and machinery are not required to be listed hereby

Note         Note         Name         Name         Name           64                 72 <td< th=""><th></th><th></th><th>Descention</th><th>Goods</th><th>Amount</th><th>Units</th><th>Location</th></td<>			Descention	Goods	Amount	Units	Location
Controp         Partial	No.		Properties		Amount	Units	Location
Other         Lacang a         Part of the second of the se							
64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64     0     0     0     0     0       64 <td< td=""><td></td><td></td><td>Oiliness</td><td></td><td></td><td></td><td></td></td<>			Oiliness				
Cd     Main     Main     Main     Main       Cd     Main     Main     Main     Ma							
Circle         Net         Net         Net         Net         Net           Circle         Net         Net         Net         Net							
P     P     P     P     P       C2     P     P     P       C3     P     P       C4     P							
64     Name     Name     Name     Name     Name       65     Name     Name     Name     Name       66     Name     Name     Name     Name       67     Name     Name     Name     Name       68     Name     Name     Name     Name       69     Name     Name     Name     Name       69     Name     Name     Name     Name       69     Name     Name							
Gai         juji							
One InterpretationNumInterpretation019-binstreaming above0440019-binstreaming above0440029-binstreaming above0440039-binstreaming above0440049-binstreaming above0440049-binstreaming above0440059-binstreaming above <t< td=""><td></td><td></td><td rowspan="2"></td><td></td><td></td><td></td><td></td></t<>							
610 0 0 1000Empore designed shading additional geneMAMAMAMA1000 1000 1000 1000 1000 1000Pare traditional designed 1000 1000 1000MA1000 1000 100001000 10001000 10001000 10001000 10001000 10001000 10001000 10001000 100001000 1000010000 1000010000 1000010000 1000010000 1000010000 1000010000 1000010000 1000010000 1000010000 1000010000 1000010000 1000010000 1000010000 1000		Liquid					
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Cine         Source of the second of the							
64         9         9         9           61         0         0         0         0           61         0         0         0         0         0           61         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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Cinc         Independence         Main         Main         Main           Cinc         Acode, methana participant         MA         Main         Main           Cinc         Acode, methana participant         MA         Main         Main           Cinc         Acode, methana participant         Main         Main         Main           Cinc         Acode, methana participant         Main         Main         Main           Cinc         Main         Main         Main         Main							
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Pile         Pagene         Propendimentality							
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Part Part Part Part Part Part Part Part							
Second Partial	C-19		Evolosives/inflammables	Propane			
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22         And         And         Indiana         Main           23         And         Main         Main         Main         Main           24         And         Main         Main         Main         Main           24         Main         Main         Main         Main         Main           257         Main         Main         Main         Main         Main           258         Main         Main         Main         Main         Main           253         Main         Main         Main         Main         Main           254         Main         Main         Main         Main         Main           253         Main         Main         Main         Main         Main           254         Main         Main         Main         Main         Main           254         Main         Main         Main         Main	C-21			Oxygen			
CA         MA         MA         MA         MA           CA         Belloachem (PCG)         MA         MA         MA         MA           CA         Mana disklo20         MA         MA         MA         MA         MA           CA         Mana disklo20         MA	C-22	Gan		CO2	NA		
Gene House Gases         Gene House Gases         House Looke(N2C)         NA         Main         Main           C27         Suff-Mounceation(HFCs)         NA         Main         Main           C37         Suff-Mounceation(HFCs)         NA         Main         Main           C38         Suff-Mounceation(HFCs)         NA         Main         Main           C39         Suff-Mounceation(HFCs)         NA         Main         Main           C30         Grass         Offerse         NA         Main         Main           C31         Grass         Offerse         Main         Main         Main           C32         Upped Cargo train resolute         Main         Main         Main           C33         Upped Cargo train resolute         Main         Main         Main           C34         Upped Cargo train resolute         Main         Main         Main           C35         Main         Main         Main         Main         Main           C35         Main         Main         Main         Main         Main           C43         Second         Main         Main         Main         Main           C44         Carbon         Main	C-23	Gas		Perfluorocarbons (PFCs)	NA		
626         100         100         100         100           120         Non option         NA         NA         Second           121         Non option         NA         Second         Second         NA         Second         Second <t< td=""><td>C-24</td><td></td><td></td><td>Methane</td><td>NA</td><td></td><td></td></t<>	C-24			Methane	NA		
CallSolid headloade (SFB)NANANACallNANANANACallNANANANACallNaNANANACallNaNANANACallNANA	C-25		Green House Gases	Hydrofluorocarbon (HFCs)	NA		
220         NA         Image: Section of Control of Contro	C-27			Nitrous oxide(N2O)	NA		
Image         Amplifier         Amplifier         Amplifier         Amplifier           231         Lipid         Collect         Max ol (Audo)         NA         Image         Image           232         Lipid         Collect         Collect         Collect         Collect         Image         Ima	C-28			Sulfur hexafluoride (SF6)	NA		
C-31         A         Image: Control (blog)         NA         Image: Control (blog)           C32         Liquid         Olliness         Bigs         NA         Image: Control (blog)           C33         Olliness         Ollipid cargo tark residues         NA         Image: Control (blog)         Image: Control (blog)<	C-29			Bunkers: fuel oil	NA		
C-32         Liquid         Bigle         Bigle         NA         Image: Second	C-30			Grease	NA		
14         Liquid         Bigs         Bigs         NA         Image         Image           233         Liquid         Cily liquid cargo tank residues         NA         Image         Image           234         Amage         NA         Image         Image         Image         Image           234         Amage         NA         Image         Image<	C-31		Oiliness	Waste oil (sludge)	NA		
Ludid         Ludid         Control         Only liquid cargo tank residues         NA         Image: Control         NA         Image: Control         Image: Contro         Image: Contro         Image: Co							
Ballast water         NA         Image: Construction of the second of the		Liquid			NA		
Code         Rain similar         NA         Image           Code         Treated savings         NA         NA         Image           Code         Non-oily liquid cargo residues         NA         NA         Image           Code         Sease         Sease         NA         Image         Image           Code         Sease         Sease         NA         Image         Image           Code         Made         NA         Image         Image         Image           Code         Made         MA         Image							
C-36         C-37         Treated sewage         NA         Image: Comparison of the second secon							
C-37         Consolitation of the second					NA		
Gas         Explosibility inflammability         Fuel gas         NA         Image: Constraint of the constraint of	0.37			Non-oily liquid caroo residues			
C-40     Organge maid and Dycarge maid and Medical washinfectious washin     NA     Image Medical washinfectious washin       C-41     Medical washinfectious washin     NA     Image Medical washinfectious washin       C-42     Gatage     NA     Image Medical washinfectious washin       C-43     Gatage     NA     Image Medical washinfectious washin       C-44     Gatage     NA     Image Medical washinfectious washin       C-45     Gatage     NA     Image Medical cargo tark reactaes       C-46     Object tark reactaes     NA     Image Medical washinfectious gargs       C-46     Object tark reactaes     NA     Image Medical washinfectious gargs       C-46     Sold     Extinguiders     NA     Image Medical washinfectious gargs       C-46     Sold     Extinguiders     NA     Image Medical washinfectious gargs       C-46     Sold     Extinguiders     NA     Image Medical washinfectious gargs       C-47     Descriptional charters (not, lacal cal batteries)     NA     Image Medical washinfectious gargs       C-48     Sold     Extinguiders     NA     Image Medical washinfectious gargs       C-49     Descriptional charters     Image Medical washinfectious     NA     Image Medical washinfectious       C-49     Descriptional charters     Image Medical washinfection		Gas	Explosibility/ inflammability				
Add     Medical wastelinfectious wasteline     NA     Inclineator ash       Add     Inclineator ash     NA     Inclineator ash       Add     Gatogoe     NA     Inclineator ash       Add     Olly solid cargo tank residues     NA     Inclineator ash       Add     Dily contamined rago     NA     Inclineator ash       Add     Olly solid cargo tank residues     NA     Inclineator ash       Add     Olly solid cargo tank residues     NA     Inclineator ash       Add     Dily contamined rago     NA     Inclineator ash       Adde     Dily contamined rago     NA     Inclineator ash       Adde     Extinguishers     NA     Inclineator ash       Adde     Extinguishers     NA     Inclineator ash       Adde     Extinguisher     Inclineator ash     Inclineato							
Add     Indicator ani     NA     Indicator ani       Add     Gataga     Gataga     NA     Indicator ani       Add     Field tack readous     NA     Indicator ani     Indicator ani       Add     Obj odd cargo tack readous     NA     Indicator ani     Indicator ani       Add     Obj odd cargo tack readous     NA     Indicator ani     Indicator ani       Add     Obj odd cargo tack readous     NA     Indicator ani     Indicator ani       Add     Obj odd cargo tack readous     NA     Indicator ani     Indicator ani       Add     Add Cargo tack readous     NA     Indicator ani     Indicator ani       Add Cargo tack readous     Indicator ani     Indicator ani     Indicator ani       Add Cargo tack readous     Indicator ani     Indicator ani     Indicator ani       Add Cargo tack readous     Indicator ani     Indicator ani     Indicator ani       Add Cargo tack readous     Indicator ani     Indicator ani     Indicator ani       Add Cargo tack readous     Indicator ani     Indicator ani     Indicator ani       Add Cargo tack readous     Indicator ani     Indicator ani     Indicator ani       Add Cargo tack readous     Indicator ani     Indicator ani     Indicator ani       Add Cargo tack readous     Indicator an							
Add     Batage     ANA     Image     Image       Add     Full tark residues     NA     Image     Image       Add     Full tark residues     NA     Image     Image       Add     Object tarum residues     NA     Image     Image       Add     Object tarum residues     NA     Image     Image       Add     Object tarum residues     NA     Image     Image       Add     Entering (ncl, lead to battering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image       Add     Entering (ncl, lead to fattering)     NA     Image     Image							
C-43     Full tark residues     NA     Image: Comparison of the sector							
2-44     Oily dolf cargo tark residues     NA     Image: Constant residues       2-45     Oily contaminated rags     NA     Image: Constant residues       2-46     Bateries (not. lead acid bateries)     NA     Image: Constant residues       2-47     Petidode/insectificities prays     NA     Image: Constant residues       2-48     Solid     Extinguishers     NA     Image: Constant residues       2-49     Solid     Extinguishers     NA     Image: Constant residues       2-49     Chemical clean (not. electrical equipment cleaner, carbon remover)     NA     Image: Constant residues       2-40     Desegnet/bleacher (could be a liquid)     NA     Image: Constant residues     Image: Constant residues       2-50     Desegnet/bleacher (could be a liquid)     NA     Image: Constant residues     Image: Constant residues       2-51     Extender finding and equipment     Image: Constant residues     Image: Constant residues     Image: Constant residues       2-52     Congo residues     Congo residues     Image: Constant residues     Image: Constant residues     Image: Constant residues							
C-46     Objcontaninated rags     NA     Image: Constraint rags       C-46     Batteries (ncl. lead acid batteries)     NA     MA     Batteries proped       C-47     Extension (ncl. lead acid batteries)     NA     MA     MA       C-48     Solid     Extension (ncl. electrical equipment cleaner, cactor remover)     NA     MA     MA       C-49     C-41     Constraint remover     NA     MA     MA     MA       C-42     C-43     Constraint remover     NA     MA     MA     MA       C-44     Constraint remover     NA     MA     MA     MA       C-45     Detergent blacher (could be a liquid)     NA     MA     MA     MA       C-46     Detergent blacher (could be a liquid)     NA     MA     MA     MA       C-47     Constraint remover     NA     MA     MA     MA       C-48     File lighting dolping and equipment     MA     MA     MA     MA       C-49     File lighting dolping and equipment     MA     MA     MA     MA       C-49     Congo residues     MA     MA     MA     MA       C-40     Congo residues     MA     MA     MA     MA							
C-46     Bateries (ncl. lead id bateries)     NA     MA     Bateries reported       C-47     Pesticides/incescide sprays     NA     MA     MA       C-48     Sold     Extinguishers     NA     MA     MA       C-49     Sold     Extinguishers     NA     MA     MA       C-49     Chenical deaner (incl. electrical equipment cleaner, carbon remover)     NA     MA     MA       C-49     Desegnent/bischer (could be a liquid)     NA     MA     MA     MA       C-50     Externamedicines     NA     MA     MA     MA       C-51     Mascelaneous medicines     NA     MA     MA     MA       C-52     Externamedicines     NA     MA     MA     MA       C-53     Dramedicines and equipment     MA     MA     MA     MA       C-54     Externamedicines     NA     MA     MA     MA       C-54     Externamedicines     NA     MA     MA     MA       C-55     Externamedicines     NA     MA     MA     MA       C-54     Externamedicines     NA     MA     MA     MA       C-55     Externamedicines     MA     MA     MA     MA       C-55     Externamedicines							
C-47     Pesticides/insecticide sprays     NA     Image: Comparison of the sprays of				· · ·			Pottorios reported coper
Arr     Arr     Arr     Arr       24     Sold     Edinguishers     Sold     Arr       240     Chemical cleaner (incl. electrical equipment cleaner, carbon remover)     NA     Arr       250     Desrgent/bleacher (could be a liquid)     NA     MA     Arr       251     Desrgent/bleacher (could be a liquid)     NA     MA     MA       253     Fielfighting and equipment     NA     MA     MA       254     Cargo residues     NA     MA     MA							Docteries reported separa
Chemical deaner (incl. electrical equipment cleaner, carbon remover)     NA     Image: Chemical deaner (incl. electrical equipment cleaner, carbon remover)       Chemical deaner (incl. electrical equipment cleaner, carbon remover)     NA     Image: Chemical deaner       Chemical deaner (incl. electrical equipment cleaner, carbon remover)     NA     Image: Chemical deaner       Chemical deaner (incl. electrical equipment cleaner, carbon remover)     NA     Image: Chemical deaner       Chemical deaner (incl. electrical equipment cleaner, carbon remover)     NA     Image: Chemical deaner       Chemical deaner (incl. electrical equipment cleaner, carbon remover)     NA     Image: Chemical deaner       Chemical deaner (incl. electrical equipment cleaner, carbon remover)     NA     Image: Chemical deaner       Chemical deaner (incl. electrical equipment cleaner, carbon remover)     NA     Image: Chemical deaner       Chemical deaner     Chemical deaner     NA     Image: Chemical deaner       Chemical deaner     Chemi			Solid				
No.     No.     No.       Detergentbleacher (could be a liquid)     NA     M       Detergentbleacher (could be a liquid)     NA     M       Miscellaneous medicines     NA     M       Detergentbleacher (could be a liquid)     NA     M       Dietgentbleacher (could be a liquid)     NA     M			Suid				
NA     NA       S25     File fighting dothing and equipment     NA     M       S25     Dy tank residues     NA     M       Cargo residues     NA     M     M							
C-S2     Fire fighting dorling and equipment     NA     Image: C-S2       Dry tank residues     NA     Image: C-S2       Cargo residues     NA     Image: C-S2							
>33         Dry tank melidues         NA             >54         Cargo residues         NA							
C-54 Cargo residues NA A							
Spare parts which contain materials listed in Table B NA NA	2-54			Cargo residues	NA		
	C-55			Spare parts which contain materials listed in Table A or Table B	NA		

The Object(s) of the Declaration described above are in conformity with the Guidelines for the development of the Inventory of Hazardous Materials Resolution MEPC.179(59) Adopted on 17 July 2009

## TABLE D: Additional substancess requested by Regulation (EU) No. 1257/2013

	Materials			Present above threshold level?	IF YES Material Mass		IF YES	
No.			Threshold level					
					Amount	Unit	Information on where it is used	
					Yes or No	Allouin	(Kg, m2, m3)	
D-1	Perfluorooctane sulfonic acid (PFOS)			1,000 mg/kg	No			
D-2	Brominated Flame Retardant (HBCDD)			100 mg/kg	No			
igned fo	r and on behalf of	:	Motorola Solutions Inc					
Date of is	sue (M/d/yyyy)	:	13/8/2021					
Place of is	ssue	:	2A, Bayan Lepas Technoplex Ind Park, Mu	kim 12, SWD, 11900 Penang, Ma	alaysia			
ull name		:	Hasniza Idris					
osition		:	Product Environmental Regulatory Manage	r				
			LUNC					
			HIM					
ignature	& Company stamp	:	1					

MD