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Sperry Marine	Doc No 4.4.020-F	Issue 1	Effective Date 25 October 2021	Page 1 of 2
Title	MATERIAL & SUPPLIERS DECLARATION OF CONFORMITY			
Author	EH&S – Efe Egborge			
Applicable to	Asia <input checked="" type="checkbox"/> Europe <input checked="" type="checkbox"/> Germany <input checked="" type="checkbox"/> Netherlands <input checked="" type="checkbox"/> UK <input checked="" type="checkbox"/> Worldwide <input checked="" type="checkbox"/>			DCR 589

MATERIAL DECLARATION

MD-ID NUMBER	NGSM_MD_SD_073434_011221	DATE	02/12/2021
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Other Information

REMARK 1	Update to MEPC.269(68)
REMARK 2	
REMARK 3	

Supplier Respondent Information

COMPANY NAME	Northrop Grumman Sperry Marine		
DIVISION NAME	-		
ADDRESS	Burlington House, 118 Burlington Road, New Malden, UK, KT3 4NR		
CONTACT PERSON	Head of Quality Assurance and EHS		
TELEPHONE NUMBER	+44 (0)208 329 2000	FAX NUMBER	+44 (0)208 329 2417
EMAIL ADDRESS	chris.webb@sperry.ngc.com	SDoC ID NUMBER	NGSM_MD_SD_073434_011221

Product Information

Product Name	Product Number	Delivered Unit		Product Information
		Amount	Unit	
JUPITER Compass	073434-0000-000	8.35	kg	JUPITER Compass


Material Information

This material information shows the amount of hazardous materials contained in

Table A** (Materials Listed in Appendix 1 of the Convention)	Material Name	Threshold Level	Unit		(Unit piece, kg, m, m2, m3...) of the product		If yes, information on where it is used
			1	Piece			
			Present above threshold level		If yes, material mass		
	Asbestos	0.1%*	No				
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No				
	Ozone depleting substance	No threshold level	Yes/No		Mass	Unit	
			No				
			No				
			No				
			No				
			No				
			No				
			No				
	Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No				
Table B** (Materials Listed in Appendix 1 of the Convention)	Cadmium and cadmium compounds	100 mg/kg	No				
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No				
	Lead and lead compounds	1,000 mg/kg	No				
	Mercury and mercury compounds	1,000 mg/kg	No				
	Polybrominated biphenyl (PBBs)	50 mg/kg	No				
	Polybrominated diphenyl (PBDEs)	1,000 mg/kg	No				
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No				
	Radioactive substances	no threshold value	No				
Annex II *** (Additional Materials)	Certain shortchain chlorinated paraffins	1%	No				
	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No				As far as known
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No				As far as known

Foot Note.
 *Please refer to footnote 18 on the "Form of Material Declaration" in the IMO Guidelines Resolution MEPC.269(68).
 **Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SR/CONF/45).
 ***Regulation EU No. 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and amending Regulation EC No. 1013/2006 and Directive 2009/16/EC EMSA's Best Practice Guidance on the Inventory of Hazardous Materials, dated 2016-10-28
 ****Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations or concentrations of PFOS in semi-finished products or articles, or parts thereof equal to or above than 0.1% by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or for textiles or other coated materials, if the amount of PFOS is equal to or above than 1 g/m² of the coated material.

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SUPPLIERS DECLARATION OF CONFORMITY

SDoC NUMBER	NGSM_MD_SD_073434_011221
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Submitted to (Customer)	
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ISSUER'S NAME	Northrop Grumman Sperry Marine
ISSUER'S ADDRESS	Burlington House, 118 Burlington Road New Malden, Surrey, KT3 4NR, UK

Product Designation

1	073434-0000-000, JUPITER Compass
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THE OBJECT(S) OF THE DECLARATION DESCRIBED ABOVE IS/ARE IN CONFORMITY WITH THE FOLLOWING DOCUMENTS

Applicable Regulations or Other Stipulated Requirements and Documents

DOCUMENT NUMBER	TITLE	EDITION	DATE OF ISSUE
N/A	IMO Guidelines in Resolution MEPC.269(68)	-	15/05/2015
N/A	Regulation EU No. 1257/2013	-	20/11/2013
N/A	EMSA's Best Practice Guidance on the IHM	-	20/11/2013
N/A	SR/CONF/45 The Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships	-	19/05/2009

Additional Information

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SIGNED FOR AND ON BEHALF OF	Northrop Grumman Sperry Marine
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PLACE OF ISSUE	118, Burlington Road, New Malden, Surrey KT3 4NR
DATE OF ISSUE	02/12/2021
NAME, FUNCTION	Chris Webb, Head of Quality Assurance and EHS
SIGNATURE	Chris Webb Digitally signed by Chris Webb Date: 2021.12.02