



Manufacturer's Declaration of potentially hazardous materials

This Material Declaration has been issued according to Resolution MEPC.269(68) and IMO Resolution A.980 (24)

	Supplier: SKIPPER Electronics AS Enebakkveien 150 P.O.Box 151 Manglerud 0612 Oslo Norway	Anne-Karin Bjerkestrand Quality Manager <div style="text-align: right;"> 17.10.2018 Date Signature </div>
	Product Description: Doppler Log Sensor	
	Type Designation / Part Number: DL21Sxx-xx	
	Weight: >5 Kg (depending on adapter)	MD Id No.: MD Skipper DL21S 17102018

Table	Materials		Threshold level	Present	IF YES		Information on where
					Material Mass		
					Amount	Unit (Kg, m2, m3)	
Table A. (Materials listed in appendix 1 of the convention)	Asbestos		0.1%	No			
	Polychlorinated biphenyls (PCBs)		50 mg/kg	No			
	Ozone depleting substance	Chlorofluorocaobons (CFCs)	No threshold level	No			
		Halons		No			
		Other fully hallogenated CFCs		No			
		Carbon tetrachloride		No			
		1,1,1-Thrichloroethane		No			
		Hydrochlorofluorocaobons		No			
		Hydrobromofluorocaobons		No			
		Methyl bromide		No			
	Bromochloromethane	No					
Anti-Fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg	No				
Table B. (Materials listed in appendix 2 of the convention)	Cadmium and Cadmium Compounds		100 mg/kg	No			
	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)		1 000 mg/kg	No			
	Polybrominated Dephenyl Ethers (PBDEs)		1 000 mg/kg	No			
	Polychloronaphthalanes (Cl>=3)		No threshold level	No			
	Radioactive Substances		No threshold level	No			
	Certain Shortchain Chlorinated Paraffins		1 %	No			
				No			
Additional Materials for EU Compliance				No			
Annex 1	^Perfluorooctane Sulfonic Acid and its derivatives(PFOS)		No threshold level	No			
Annex 2	^BrominatedFlame retardant(HBCDD)		No threshold level	No			