IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TEST AND CRITERIA

BATTERY TRANSPORTATION INFORMATION

Name of hottery				
Name of battery: Item Number : 353080 Item Name : Battery K235 Complete Item Description : 300bar pressure rated battery module.		Battery manufacturer's contact information: Kongsberg Maritime Strandpromenaden 50 3183 Horten Norway +47 815 73 700 kongsberg.com		
Name of the test laboratory :		Test report id. number:		Date of the test report:
Norwegian Defence Research Establishment (FFI)		11/00882		15.12.2010
Instituttveien 20 NO-2007 Kjeller Norway		List of tests conducted and results (i.e. pass/fail) :		
(+47) 63807000		Test T.1 : Altitude Simulation		: Pass
ffi@ffi.no		Test T.2 : Thermal test		: Pass
		Test T.3 : Vibration		: Pass
		Test T.4 : Shock		: Pass
		Test T.5 : External short circuit		: Pass
		Test T.6 : Impact/Crush		: Not applicable
Description of battery:		Test T.7 : Overcharge		: Not applicable *
This is a battery module used in the HUGIN AUV. One HUGIN AUV system may have any number from 2 to 15 of these modules.		Test T.8 : Forced dischar	rge	: Not applicable
Battery type : Lithium Ion Battery energy : 8524.8 Wh Battery dimensions : 1468 x 248 x 145mm Battery weight : 92 kg		Additional testing comments: *This battery block is not a stand alone battery, and includes no overcharge protection. This is taken care of by a separate BMS inside a complete battery module. The test above is applicable for the battery blocks inside this battery module. This complete battery module is covered by UN38.3.3(g).		
Reference to assembled battery testing requirements, (i.e. 38.3.3 (f)and 38.3.3 (g)):	· ·			ne battery comply with the 30% f charge (SOC) :
Covered by 38.3.3(g)	Revision 5 Yes			
PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP)				
UN Classification :				
UN 3480	Lithium Ion batteries			
Kevin Eriksen Battery responsible Manua		battery has been classified according to the applicable transport regulations and the UN ual of Tests and Criteria as of the date of certification.		
		ittery must be packed, labeled and docur ational regulations for transportation.	mented ac	ccoraing to country and other
13.01.2019				